FCC Radio Test Report

FCC ID: TE7AX20V1

This report concerns: Original Grant

Project No.	:	1907C233A
Equipment	:	AX1800 Wi-Fi 6 Router
Brand Name	:	tp-link
Test Model	:	Archer AX20
Series Model	:	N/A
Applicant	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China
Manufacturer	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China
Date of Receipt	:	Jan. 15, 2020
Date of Test	:	Jan. 15, 2020 ~ Mar. 13, 2020
Issued Date	:	Mar. 19, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2020011473 for conducted, DG2020030638 for radiated.
Standard(s)	:	FCC Part15, Subpart C (15.247) ANSI C63.10-2013 FCC KDB 558074 D01 15.247 Meas Guidance v05r02

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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Certificate #5123.02

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Mar. 19, 2020

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart C (15.247)				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	------
15.247(b)(3)	Maximum Output Power	APPENDIX F	PASS	------
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	------
15.247(e)	Power Spectral Density	APPENDIX H	PASS	------
15.203	Antenna Requirement	------	PASS	Note(2)

Note:

(1) “N/A” denotes test is not applicable in this test report.

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	V	3.79
		9kHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	24°C	68%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	25°C	60%	AC 120V/60Hz	Kwok Guo
Bandwidth	25°C	66%	AC 120V/60Hz	Hayden Chen
Maximum output power	25°C	66%	AC 120V/60Hz	Laughing Zhang
Conducted Spurious Emissions	25°C	66%	AC 120V/60Hz	Hayden Chen
Power Spectral Density	25°C	66%	AC 120V/60Hz	Hayden Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1800 Wi-Fi 6 Router
Brand Name	tp-link
Test Model	Archer AX20
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC voltage supplied from AC/DC adapter. Model: T120150-2B1
Power Rating	I/P: 100-240V~ 50/60Hz 0.6A O/P: 12V ⎓ 1.5A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 574 Mbps
Maximum Output Power _Non Beamforming	IEEE 802.11b: 29.80 dBm (0.9550 W) IEEE 802.11g: 29.95 dBm (0.9886 W) IEEE 802.11n (HT20): 29.97 dBm (0.9931 W) IEEE 802.11n (HT40): 25.07 dBm (0.3214 W) IEEE 802.11ax (HEW20): 29.91 dBm (0.9795 W) IEEE 802.11ax (HEW40): 24.29 dBm (0.2685 W)
Maximum Output Power _Beamforming	IEEE 802.11n (HT20): 28.92 dBm (0.7798 W) IEEE 802.11n (HT40): 24.60 dBm (0.2884 W) IEEE 802.11ax (HEW20): 28.88 dBm (0.7727 W) IEEE 802.11ax (HEW40): 26.01 dBm (0.3990 W)

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20), IEEE 802.11ax (HEW20) CH03 - CH09 for IEEE 802.11n (HT40), IEEE 802.11ax (HEW40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK	3101502557	Dipole	Weld	3.82
2	TP-LINK	3101502647	Dipole	Weld	3.82

Note:
This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain, where Array Gain is as follows:

(1) For Non Beamforming Function, Directional gain = G_{ANT} + Array Gain =10 log (N_{ANT}/ N_{SS}) dB
For the power measurements, Array Gain = 0 dB ($N_{ANT} \leq 4$), so the Directional gain=3.82.
For power spectral density measurements, N_{ANT} = 2, N_{SS} = 1. Then Directional gain = G_{ANT} + Array Gain =10 log (N_{ANT}/ N_{SS}) dB =3.82+10log(2/1)dBi=6.83. So the power spectral density limit is 8-(6.83-6)=7.17.

(2) For Beamforming Function, Beamforming Gain: 3.01 dB. Then Directional gain = 3.01+3.82=6.83. So the output power limit is 30-(6.83-6)=29.17. The power spectral density limit is 8-(6.83-6)=7.17.

4. Table for Antenna Configuration:

For Non Beamforming Function:

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Ant. 1 + Ant. 2)
IEEE 802.11g	V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW40)	V (Ant. 1 + Ant. 2)

For Beamforming Function:

Operating Mode / TX Mode	2TX
IEEE 802.11n (HT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW40)	V (Ant. 1 + Ant. 2)

2.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09
Mode 7	TX N20 Mode Channel 06
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 11	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 12	TX AX-20 MHz Mode Channel 01/02/06/10/11
Mode 13	TX AX-40 MHz Mode Channel 03/04/06/08/09

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 7	TX N20 Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX N20 Mode Channel 06

Radiated emissions test- Above 1GHz for Non Beamforming	
Final Test Mode	Description
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 11	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 12	TX AX-20 MHz Mode Channel 01/02/06/10/11
Mode 13	TX AX-40 MHz Mode Channel 03/04/06/08/09

Radiated emissions test - Above 1GHz for Beamforming	
Final Test Mode	Description
Mode 10	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 11	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 12	TX AX-20 MHz Mode Channel 01/02/06/10/11
Mode 13	TX AX-40 MHz Mode Channel 03/04/06/08/09

Maximum Output Power & Power Spectral Density tests for Non Beamforming	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

Maximum Output Power & Power Spectral Density tests for Beamforming	
Final Test Mode	Description
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

Other Conducted tests for Non Beamforming	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

NOTE:

(1) The measurements are performed at the high, middle, low available channels.

(2) For radiated emission below 1 GHz test, the IEEE 802.11n20 Channel 06 is found to be the worst case and recorded.

(3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.

(4) For radiated emission above 1 GHz test, 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.

(5) The measurements for Power were tested during on Non Beamforming Function and Beamforming Function, the worst case were Non Beamforming Function, only worst case were documented for other test items except radiated emissions and Power Spectral Density.

2.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

Test Software	accessMTool_REL_3_0_0_5		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	93	98	94
IEEE 802.11g	64	93	78
IEEE 802.11n (HT20)	64	93	65
IEEE 802.11ax (HEW20)	57	92	61
Frequency (MHz)	2422	2437	2452
IEEE 802.11n (HT40)	53	74	60
IEEE 802.11ax (HEW40)	52	69	60

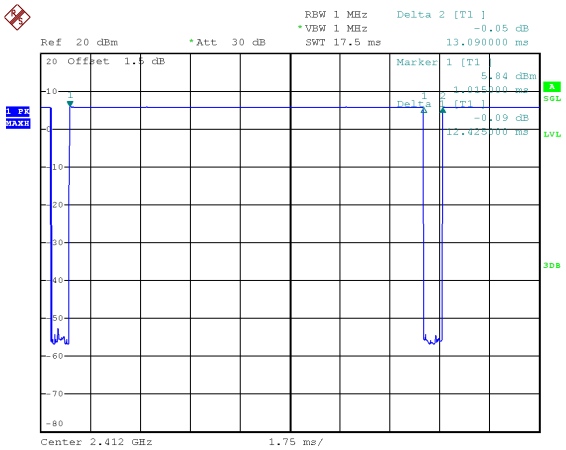
Beamforming

Test Software	accessMTool_REL_3_0_0_5		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n (HT20)	64	89	72
IEEE 802.11ax (HEW20)	48	89	56
Frequency (MHz)	2422	2437	2452
IEEE 802.11n (HT40)	56	72	60
IEEE 802.11ax (HEW40)	60	76	72

2.4 DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.
The output power = measured power + duty factor.
The Power Spectral Density = measured Power Spectral Density + duty factor.

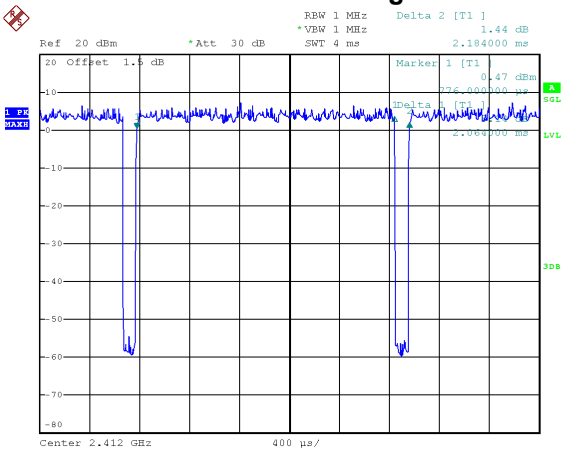
IEEE 802.11b



Date: 1.JAN.2003 00:17:15

Duty cycle = 12.425 ms / 13.090 ms = 94.92%
Duty Factor = 10 log(1/Duty cycle) = 0.23

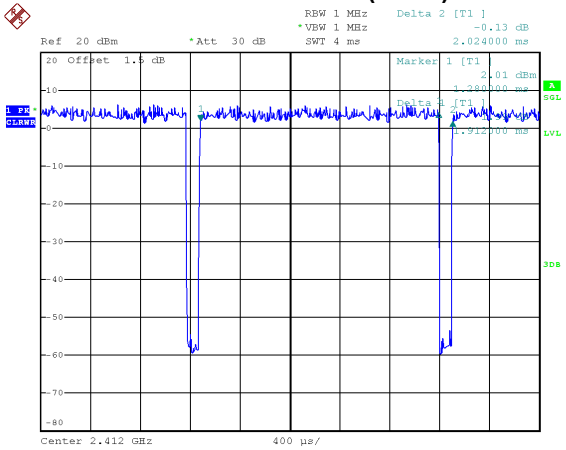
IEEE 802.11g



Date: 1.JAN.2003 00:17:40

Duty cycle = 2.064 ms / 2.184 ms = 94.51%
Duty Factor = 10 log(1/Duty cycle) = 0.25

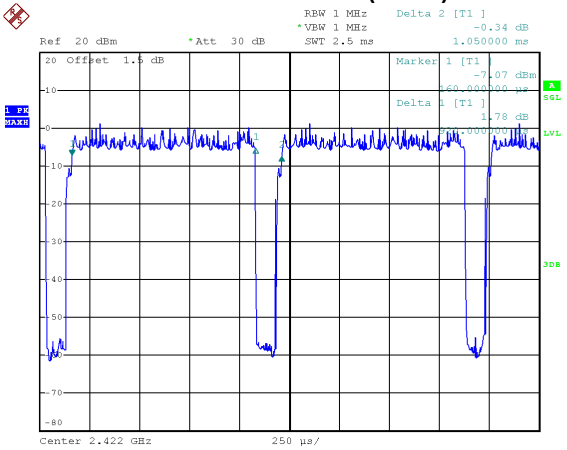
IEEE 802.11n (HT20)



Date: 1.JAN.2003 00:18:01

Duty cycle = 1.912 ms / 2.024 ms = 94.47%
Duty Factor = 10 log(1/Duty cycle) = 0.25

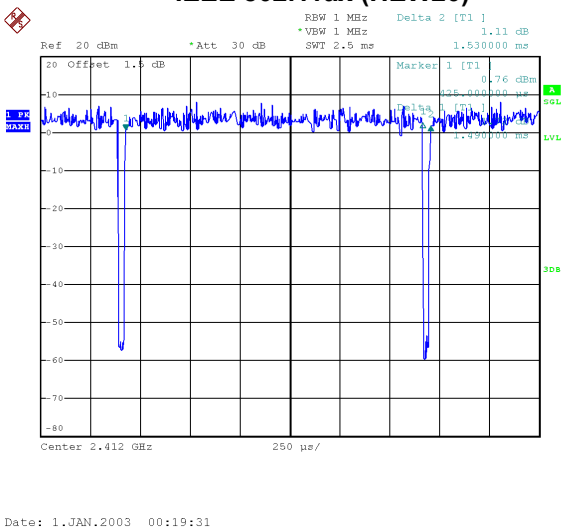
IEEE 802.11n (HT40)



Date: 1.JAN.2003 00:18:23

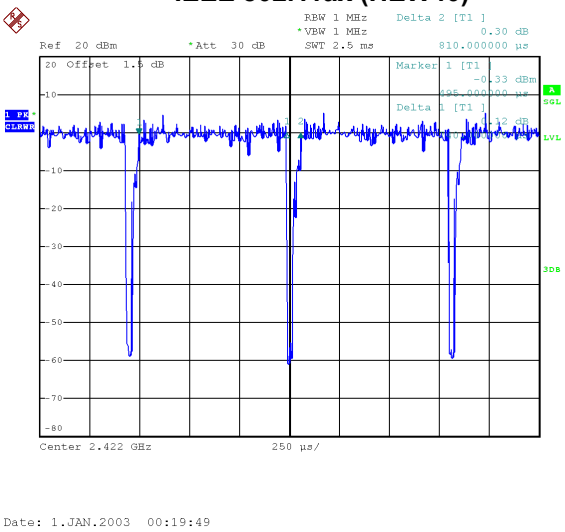
Duty cycle = 0.920 ms / 1.050 ms = 87.62%
Duty Factor = 10 log(1/Duty cycle) = 0.57

IEEE 802.11ax (HEW20)



Duty cycle = 1.490 ms / 1.530 ms = 97.41%
Duty Factor = 10 log(1/Duty cycle) = 0.11

IEEE 802.11ax (HEW40)

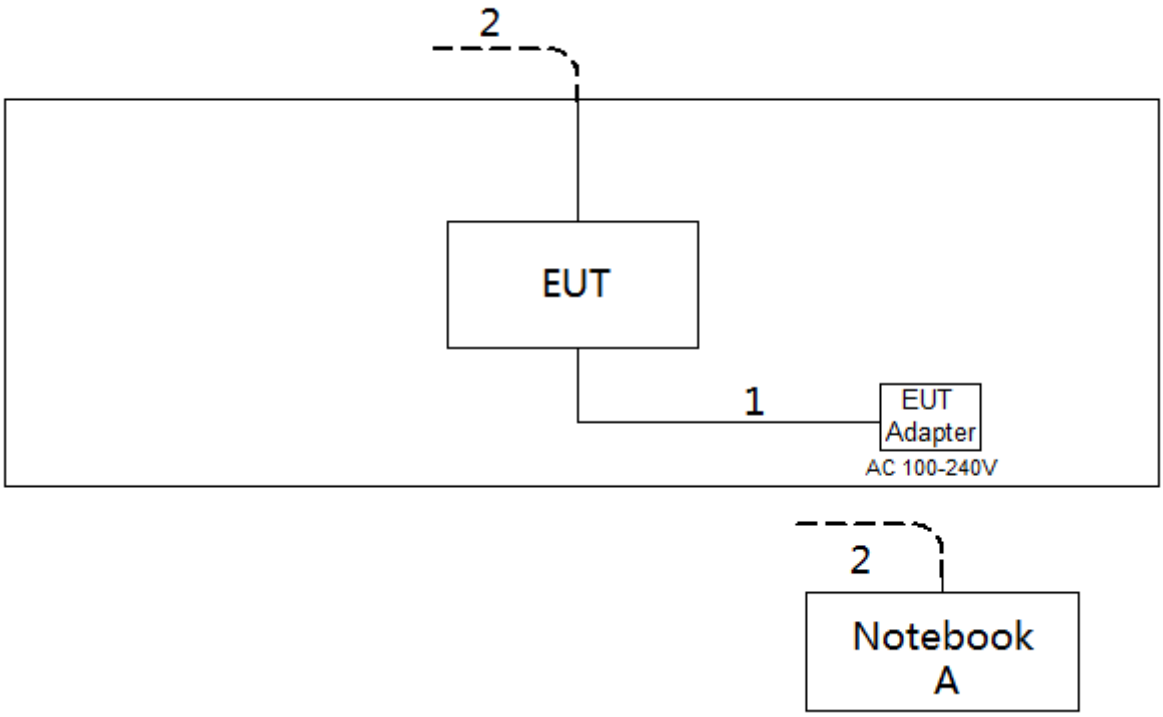


Duty cycle = 0.740 ms / 0.810 ms = 91.36%
Duty Factor = 10 log(1/Duty cycle) = 0.39

NOTE:
For IEEE 802.11g, IEEE 802.11n (HT20) and IEEE 802.11ax (HEW20):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11n (HT40) and IEEE 802.11ax (HEW40):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.5m
2	RJ45 Cable	NO	NO	10m

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency of Emission (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.50	66 to 56*	56 to 46*
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

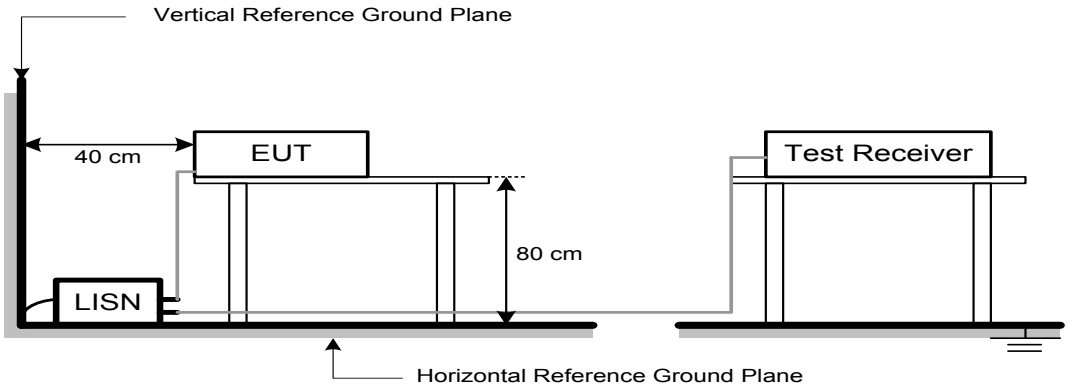
3.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.3 DEVIATION FROM TEST STANDARD

No deviation

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	(dBuV/m at 3 m)	
	Peak	Average
Above 1000	74	54

NOTE:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for Peak, 1 MHz / 1/T for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector

4.2 TEST PROCEDURE

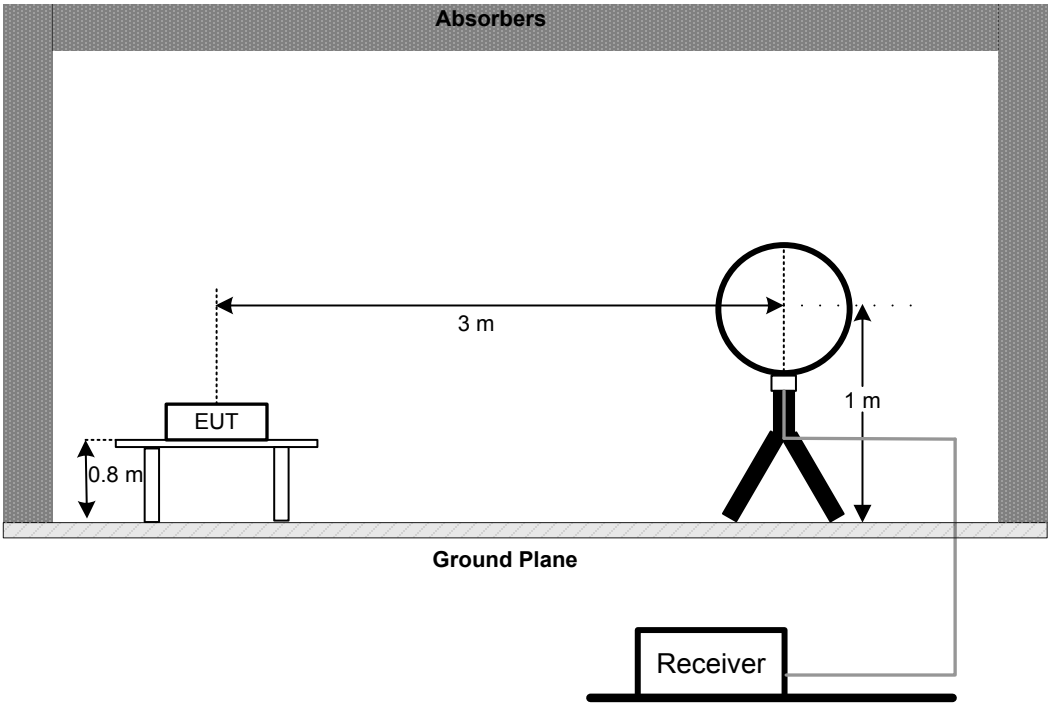
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.3 DEVIATION FROM TEST STANDARD

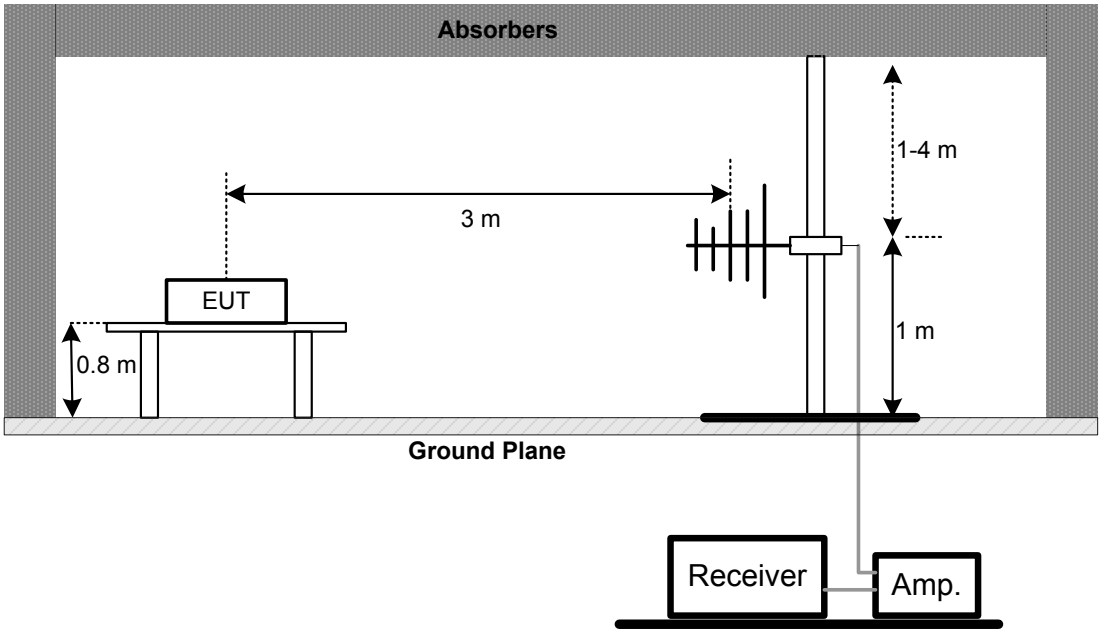
No deviation

4.4 TEST SETUP

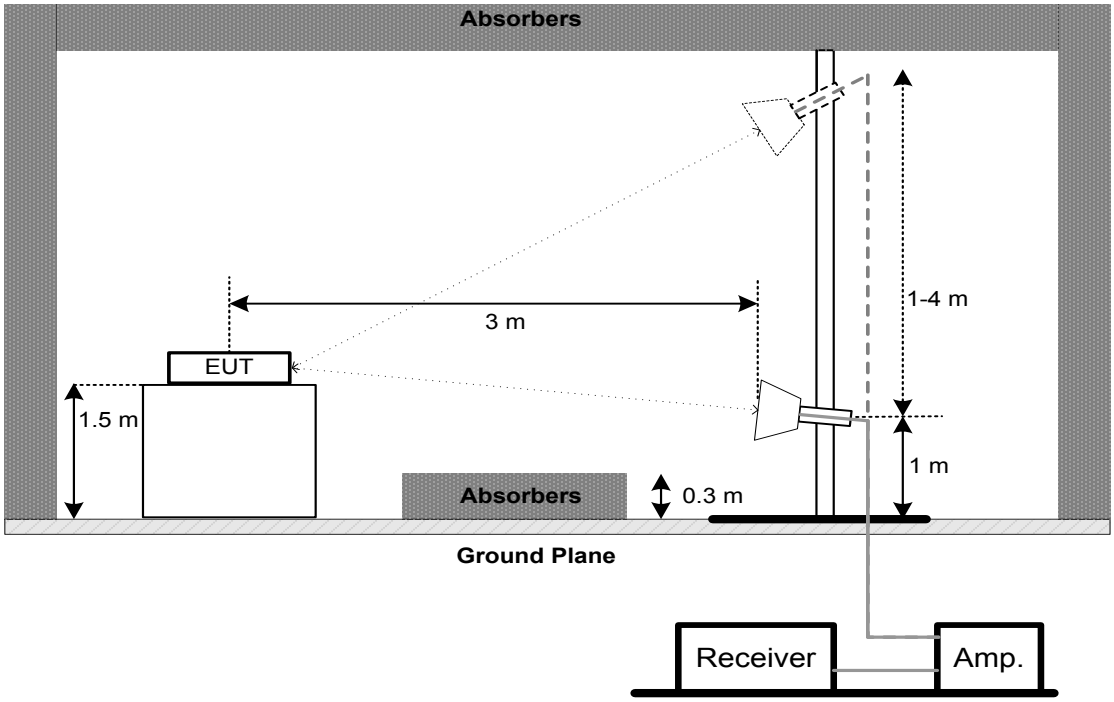
9 kHz-30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B

Remark:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(a)(2)	6 dB Bandwidth	Minimum 500 kHz
	99% Emission Bandwidth	-

5.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.

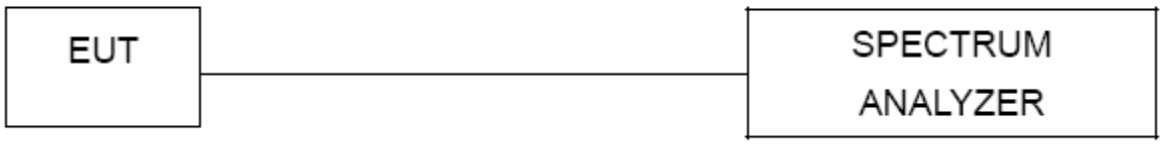
b. Spectrum Setting:
For 6 dB Bandwidth : RBW= 100 kHz, VBW=300 kHz, Sweep time = auto.
For 99% Emission Bandwidth B/G/N-20/AX-20 Mode: RBW= 300 KHz, VBW=1 MHz, Sweep time = 2.5 ms.
For 99% Emission Bandwidth N-40/AX-40 Mode: RBW= 1 MHz, VBW=3 MHz, Sweep time = 2.5 ms.

c. The bandwidth was performed in accordance with method 11.8.1 of ANSI C63.10-2013.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6. MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(b)(3)	Maximum Output Power	1 Watt or 30dBm

6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP

6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

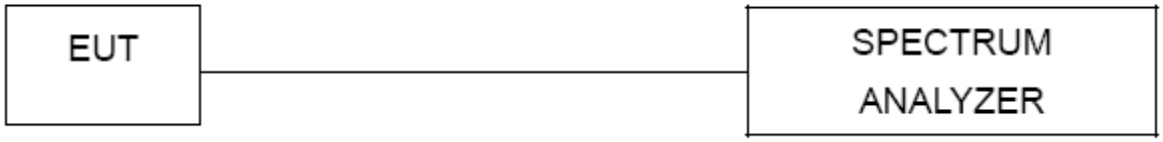
7.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW= 100 kHz, VBW=300 kHz, Sweep time = Auto.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. POWER SPECTRAL DENSITY TEST

8.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

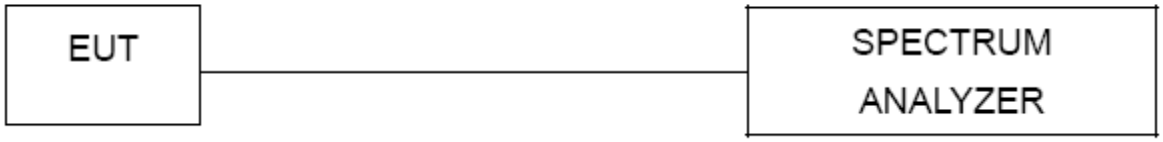
8.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW=3 kHz, VBW=10 kHz, Sweep time = Auto.
c. The Power Spectral Density was performed in accordance with method 11.10.2 of ANSI C63.10-2013.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	May 19, 2020
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100895	Feb. 28, 2021
2*	Antenna	EM	EM-6876-1	230	Jan. 15, 2022
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	May 31, 2020
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Apr. 09, 2020
2*	Amplifier	HP	8447D	2944A08742	Mar. 01, 2021
3	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 25, 2020
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Apr. 09, 2020
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 23, 2020
3	Amplifier	Agilent	8449B	3008A02584	Aug. 03, 2020
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 07, 2021
5	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	RWLP50-4.0A-KJ-S MSM-12M	N/A	Nov. 25, 2020
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth & Antenna Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 03, 2020

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 03, 2020
2	Wideband power sensor	Keysight	N1923A	MY58310004	Aug. 03, 2020

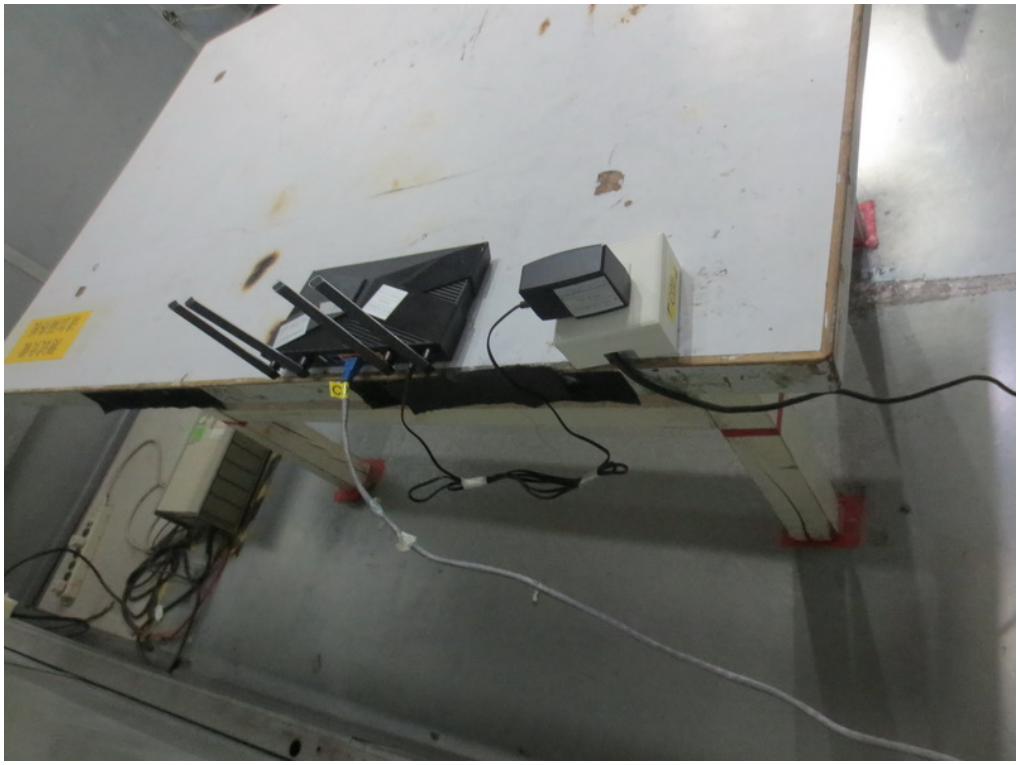
Remark: ”N/A” denotes no model name, serial no. or calibration specified.

“*” calibration period of equipment list is three year.

Except * item, all calibration period of equipment list is one year.

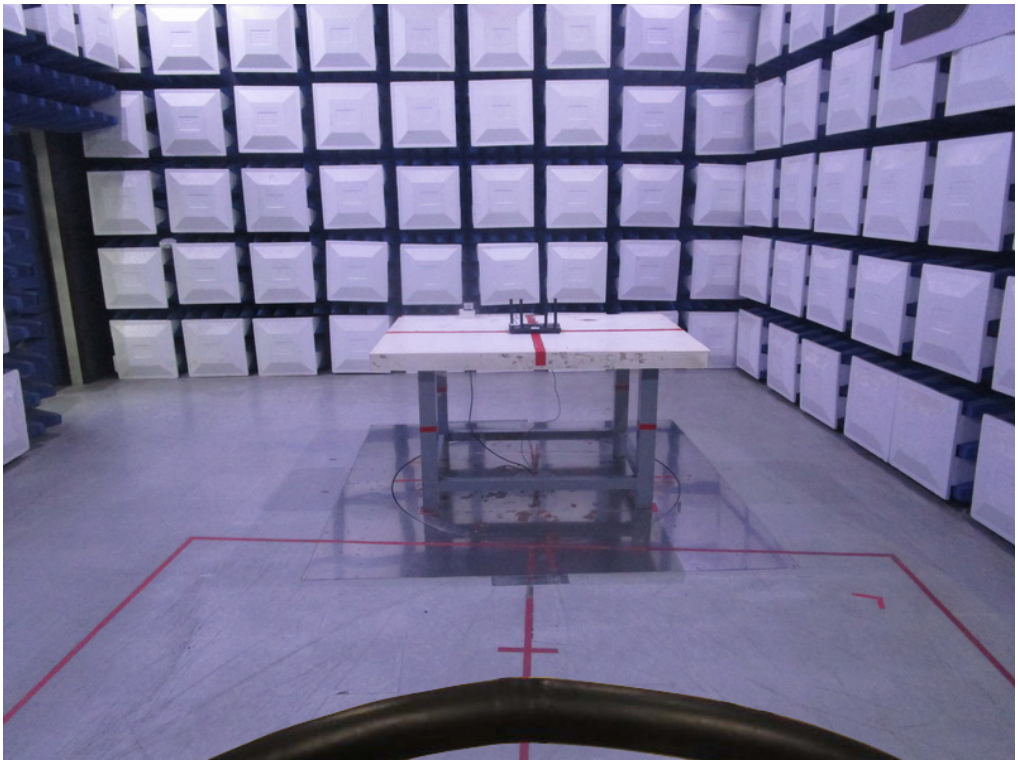
10. EUT TEST PHOTO

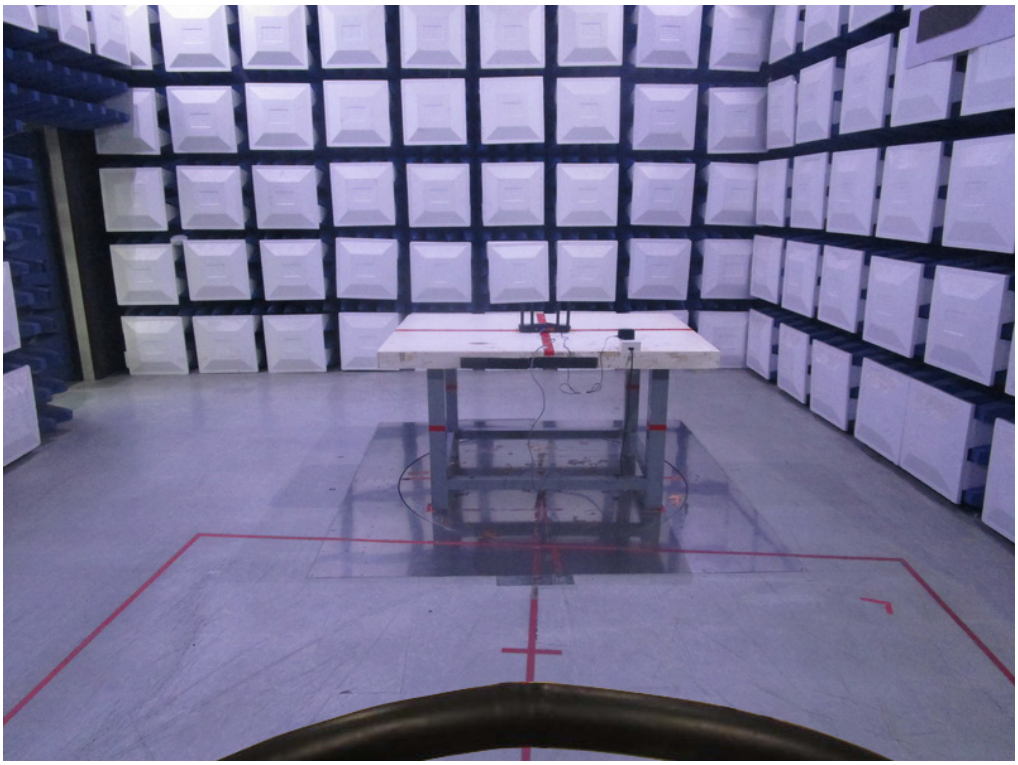
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

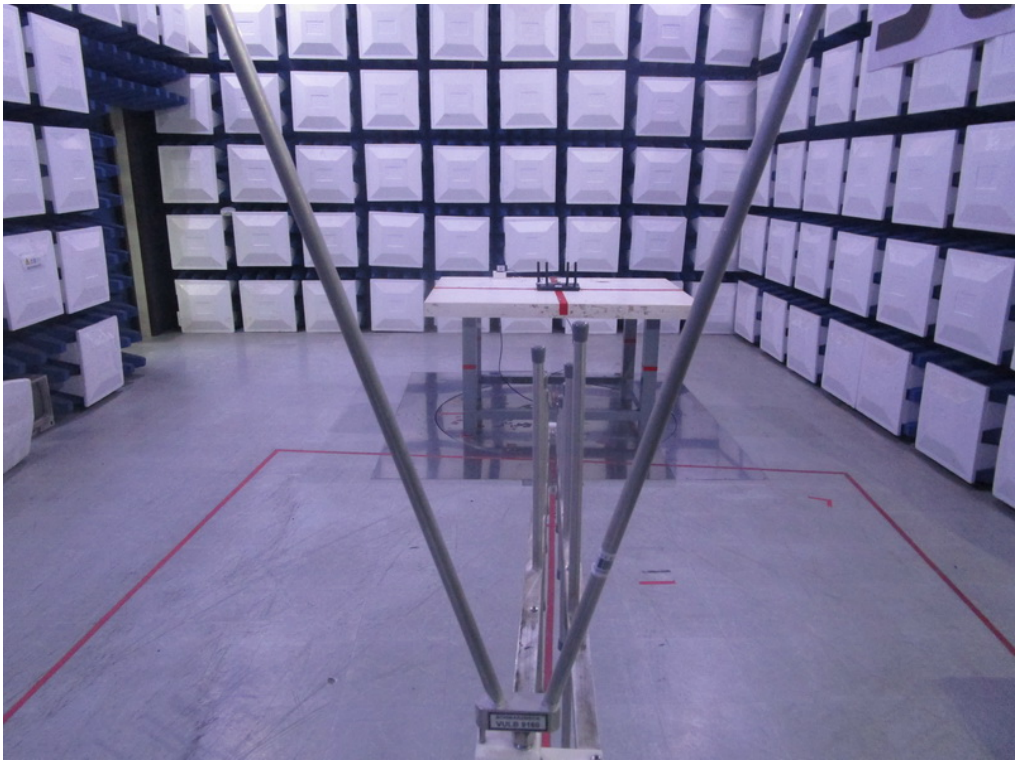
9 kHz to 30 MHz

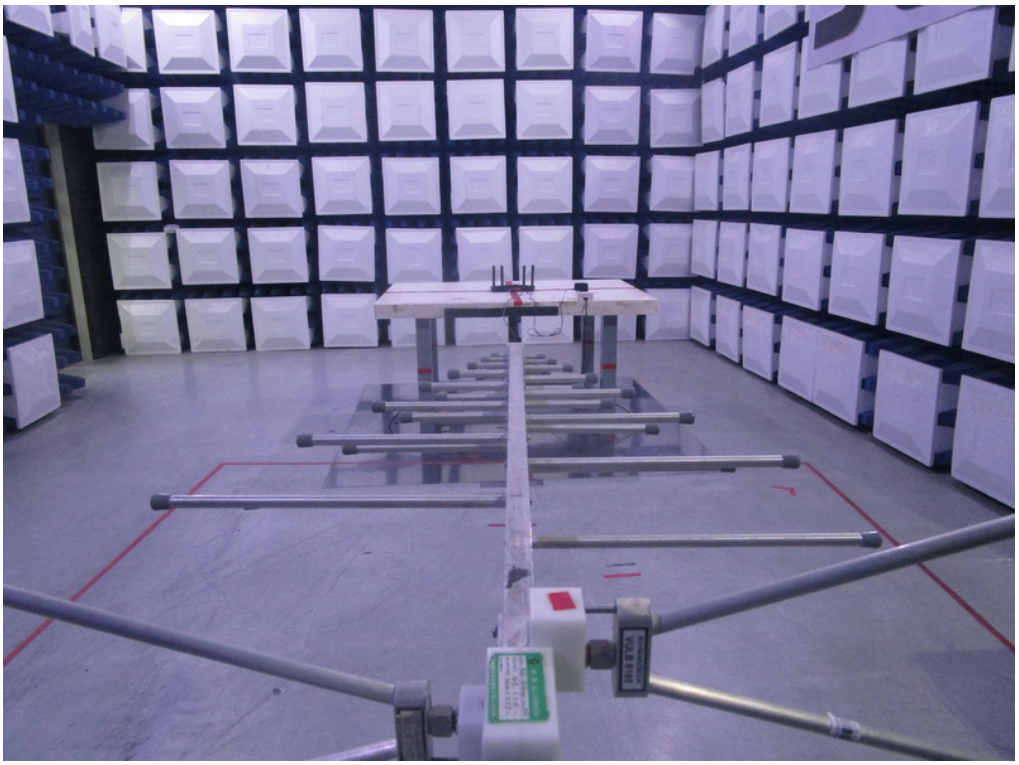




Radiated Emissions Test Photos

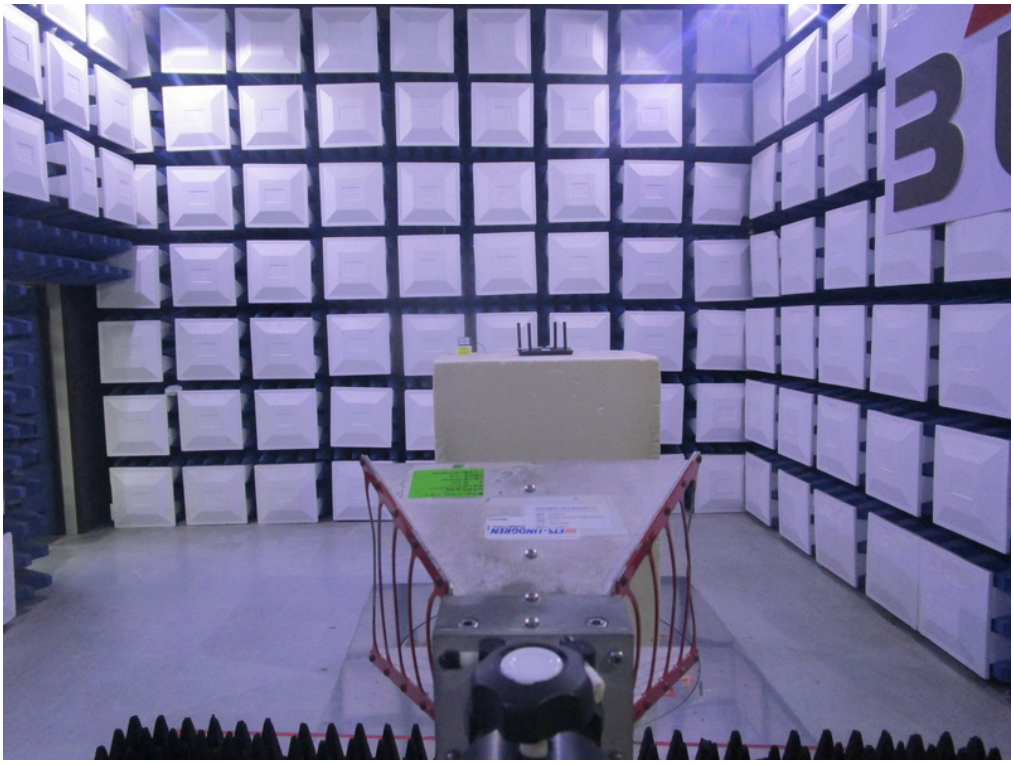
30 MHz to 1 GHz

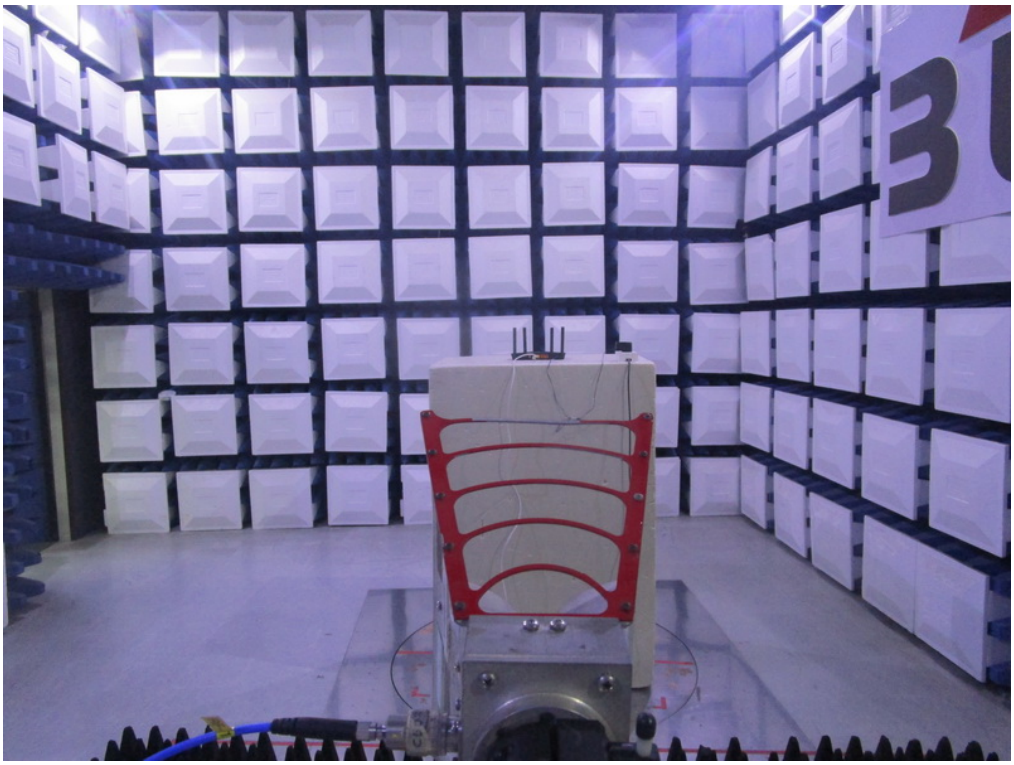




Radiated Emissions Test Photos

Above 1 GHz

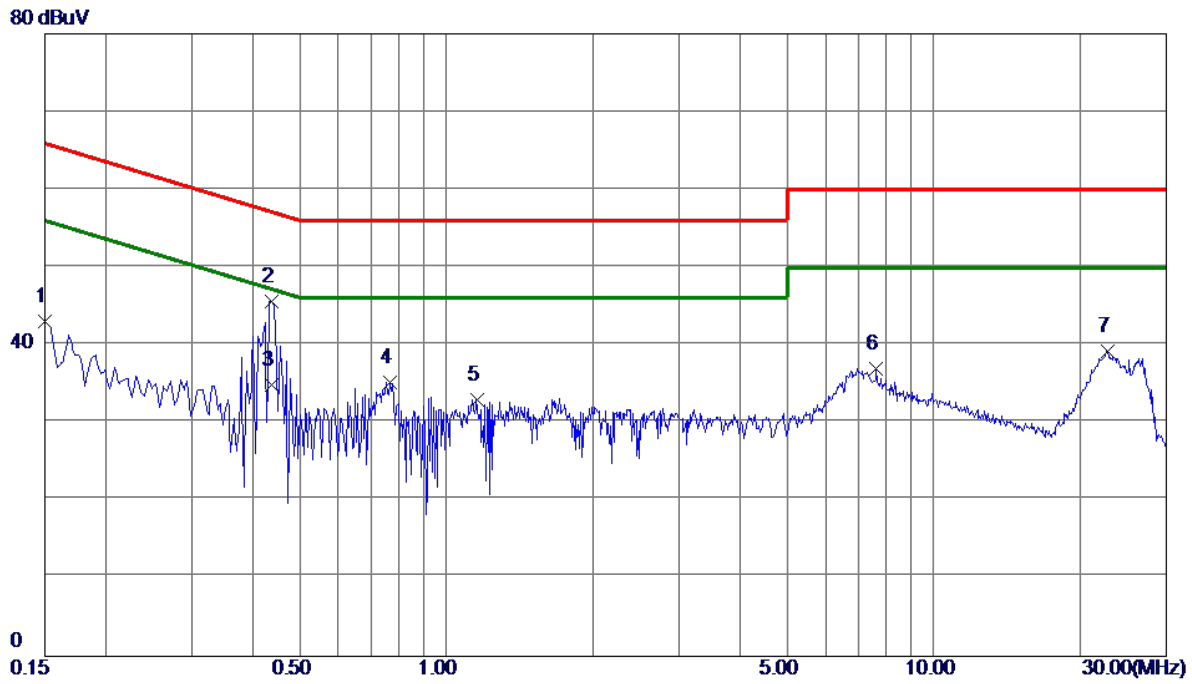




APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode:	TX N20 Mode Channel 06

Line

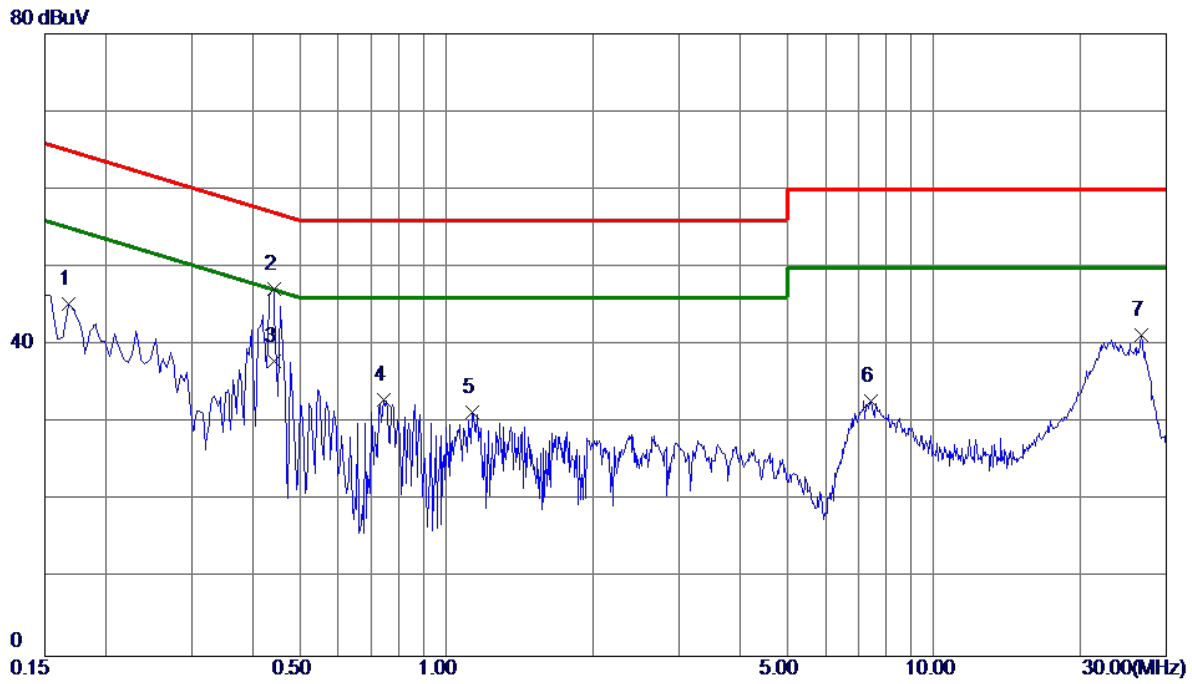


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	33.16	9.82	42.98	66.00	-23.02	Peak	
2 *	0.4380	35.77	9.87	45.64	57.10	-11.46	Peak	
3	0.4380	24.95	9.87	34.82	47.10	-12.28	AVG	
4	0.7665	25.27	9.91	35.18	56.00	-20.82	Peak	
5	1.1535	23.09	9.93	33.02	56.00	-22.98	Peak	
6	7.6245	26.59	10.36	36.95	60.00	-23.05	Peak	
7	22.7400	28.03	11.16	39.19	60.00	-20.81	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N20 Mode Channel 06

Neutral



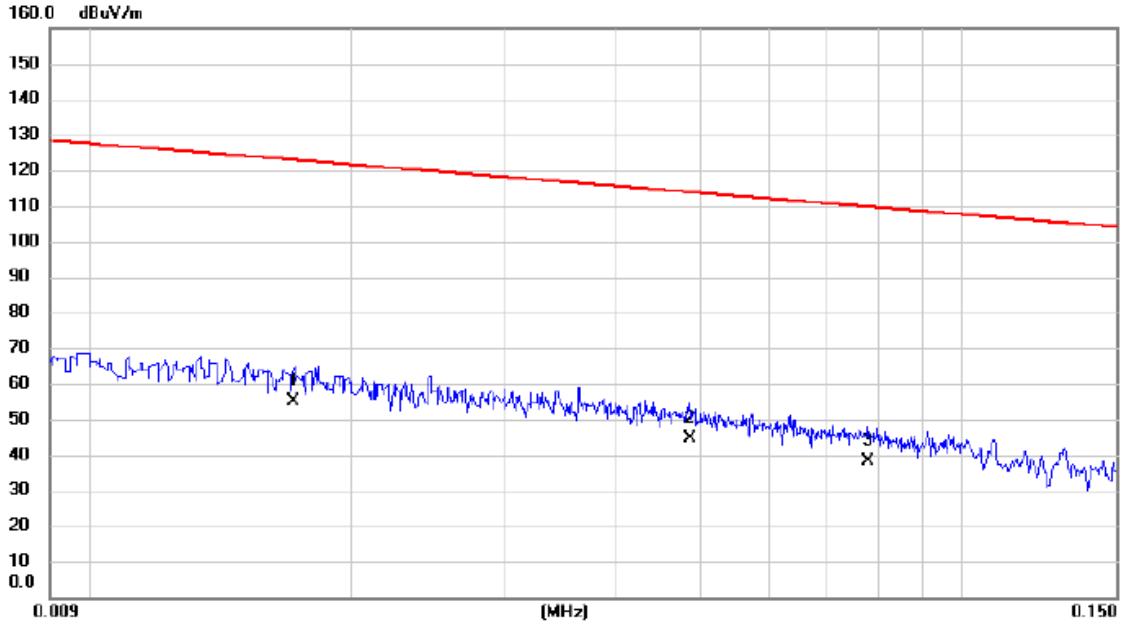
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1680	35.41	9.91	45.32	65.06	-19.74	Peak	
2	0.4425	37.15	10.02	47.17	57.01	-9.84	Peak	
3 *	0.4425	27.97	10.02	37.99	47.01	-9.02	AVG	
4	0.7440	22.94	10.08	33.02	56.00	-22.98	Peak	
5	1.1310	21.19	10.13	31.32	56.00	-24.68	Peak	
6	7.4130	22.20	10.61	32.81	60.00	-27.19	Peak	
7	26.6235	29.78	11.49	41.27	60.00	-18.73	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode:	TX N20 Mode Channel 06

Ant 0°

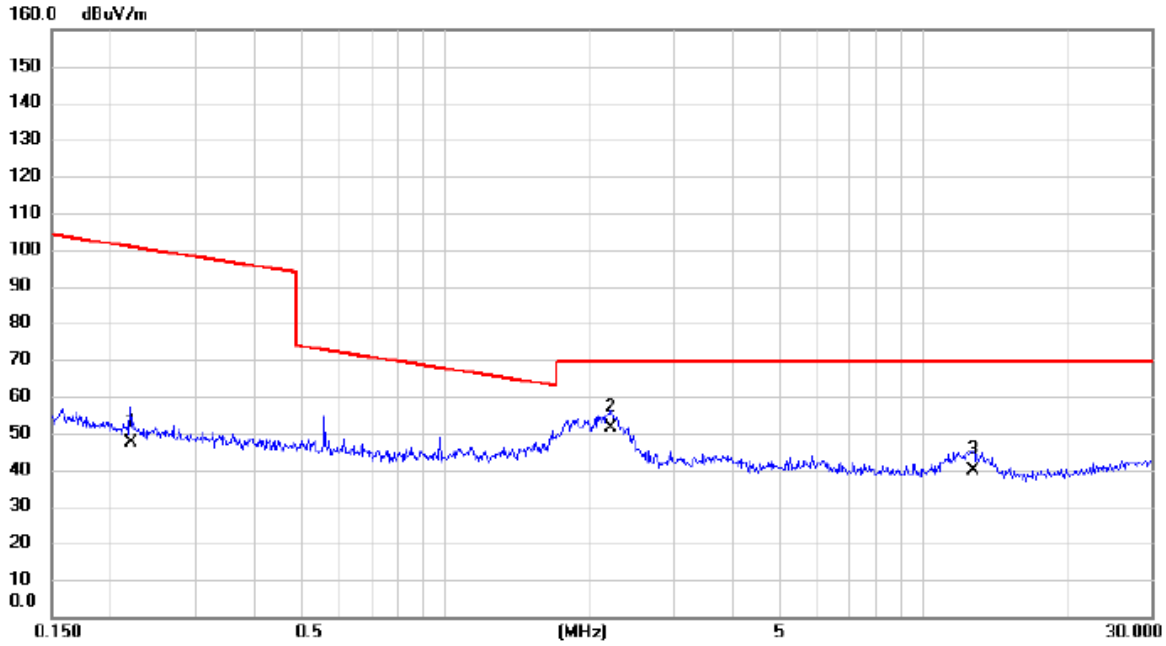


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0171	34.58	20.43	55.01	122.94	-67.93	AVG	
2		0.0487	25.20	19.55	44.75	113.85	-69.10	AVG	
3		0.0780	19.10	18.97	38.07	109.76	-71.69	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N20 Mode Channel 06

Ant 0°

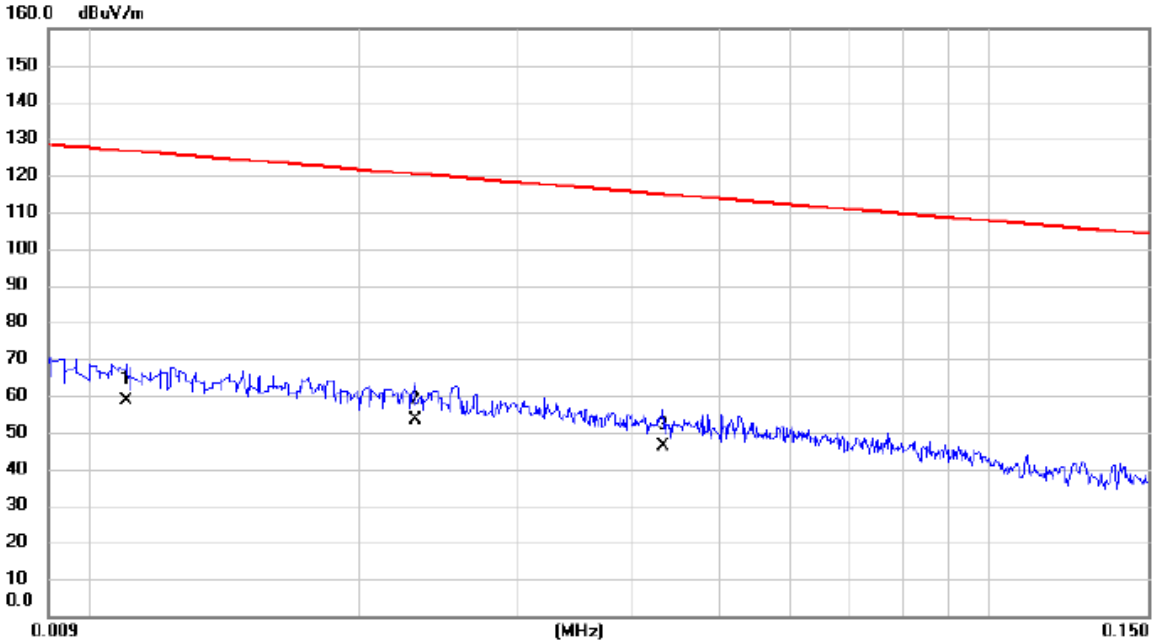


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2197	30.10	17.12	47.22	100.77	-53.55	AVG	
2	*	2.2132	34.30	16.99	51.29	69.54	-18.25	QP	
3		12.7161	25.40	14.57	39.97	69.54	-29.57	QP	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N20 Mode Channel 06

Ant 90°

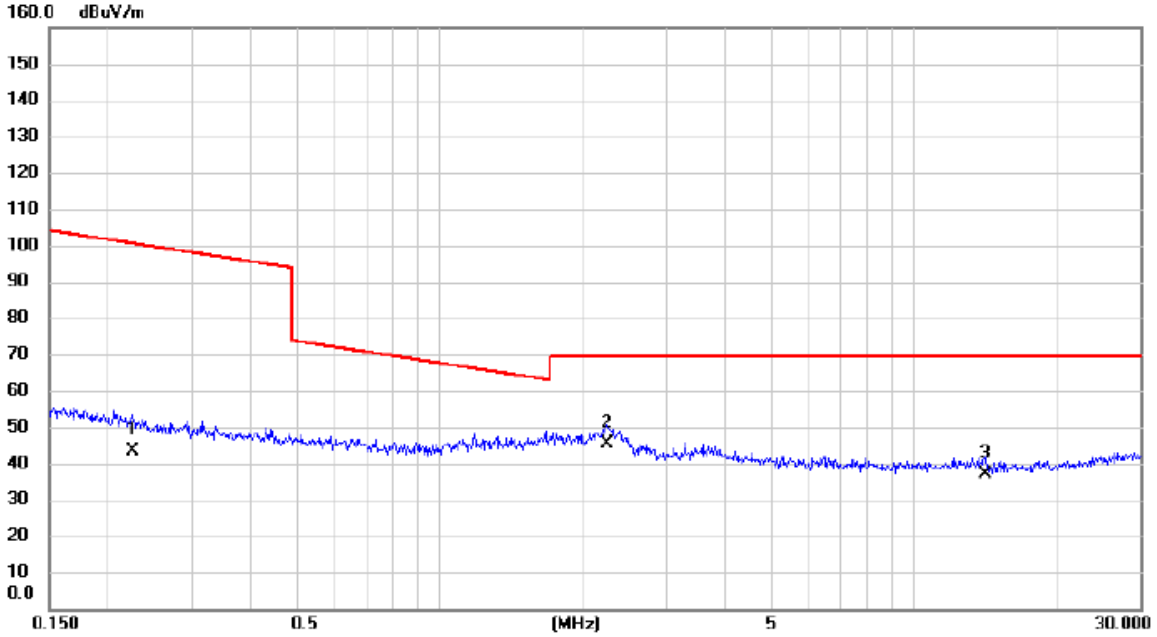


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0110	37.40	21.28	58.68	126.78	-68.10	AVG	
2	*	0.0230	33.50	19.97	53.47	120.37	-66.90	AVG	
3		0.0434	26.40	19.64	46.04	114.86	-68.82	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N20 Mode Channel 06

Ant 90°



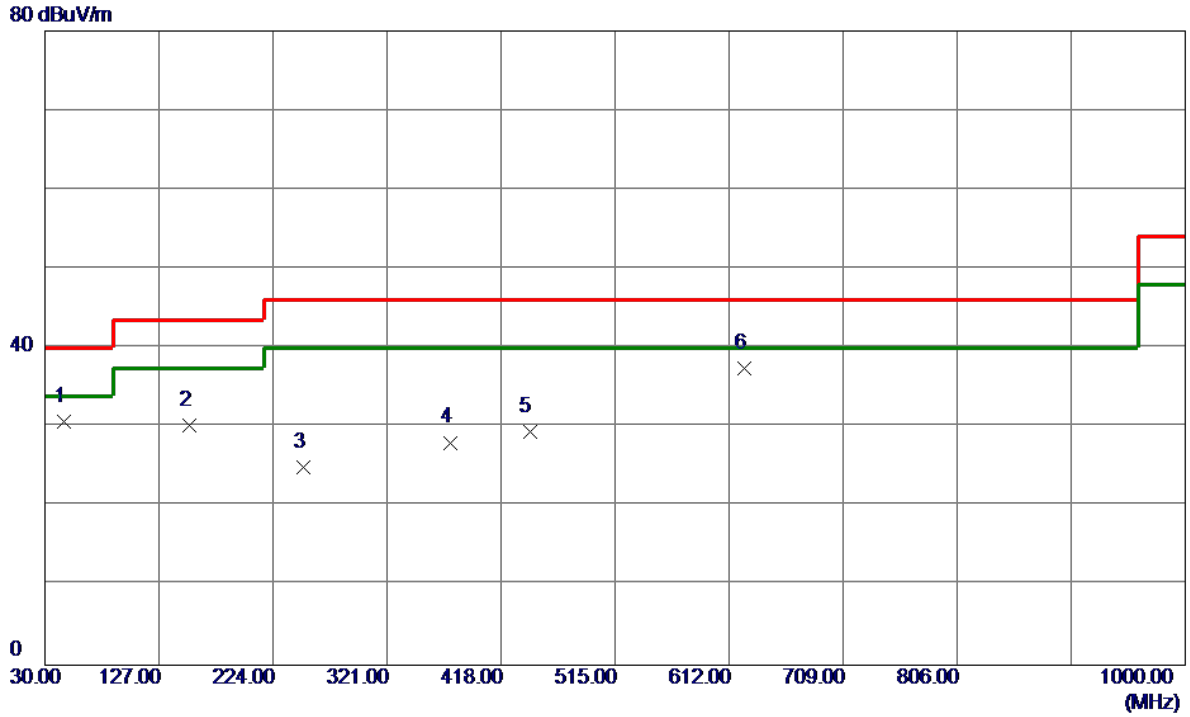
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2256	26.40	17.11	43.51	100.54	-57.03	AVG	
2	*	2.2486	28.50	16.97	45.47	69.54	-24.07	QP	
3		14.1376	22.20	14.70	36.90	69.54	-32.64	QP	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode:	TX N20 Mode Channel 06

Vertical

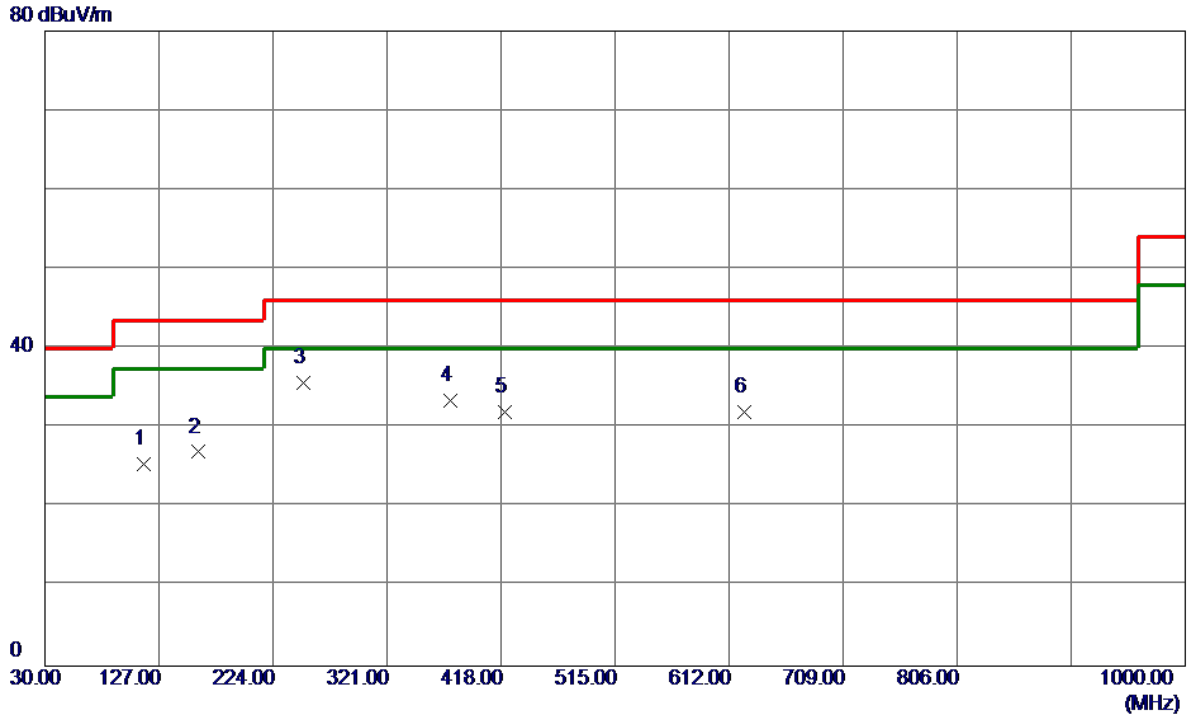


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	46.4900	45.33	-14.57	30.76	40.00	-9.24	Peak	
2	153.1900	42.77	-12.53	30.24	43.50	-13.26	Peak	
3	250.1900	39.56	-14.55	25.01	46.00	-20.99	Peak	
4	375.3200	39.15	-11.07	28.08	46.00	-17.92	Peak	
5	442.2500	38.87	-9.37	29.50	46.00	-16.50	Peak	
6 *	624.6100	43.91	-6.47	37.44	46.00	-8.56	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N20 Mode Channel 06

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	114.3900	39.85	-14.43	25.42	43.50	-18.08	Peak	
2	159.9800	38.64	-11.68	26.96	43.50	-16.54	Peak	
3 *	250.1900	50.22	-14.55	35.67	46.00	-10.33	Peak	
4	375.3200	44.55	-11.07	33.48	46.00	-12.52	Peak	
5	420.9100	41.92	-9.94	31.98	46.00	-14.02	Peak	
6	624.6100	38.42	-6.47	31.95	46.00	-14.05	Peak	

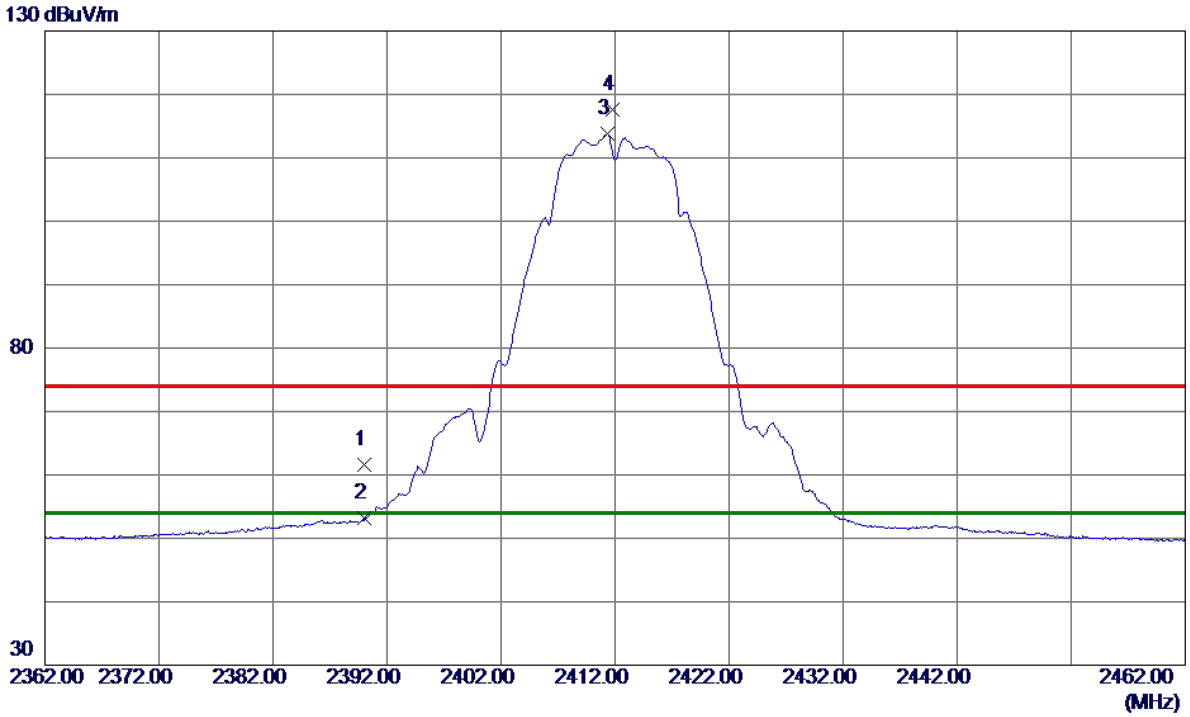
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Non Beamforming

Test Mode:	TX B Mode 2412 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	51.63	9.95	61.58	74.00	-12.42	Peak	
2	2390.0000	43.21	9.95	53.16	54.00	-0.84	AVG	
3 *	2411.3500	103.68	10.03	113.71	54.00	59.71	AVG	No Limit
4	2411.8000	107.52	10.03	117.55	74.00	43.55	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2412 MHz

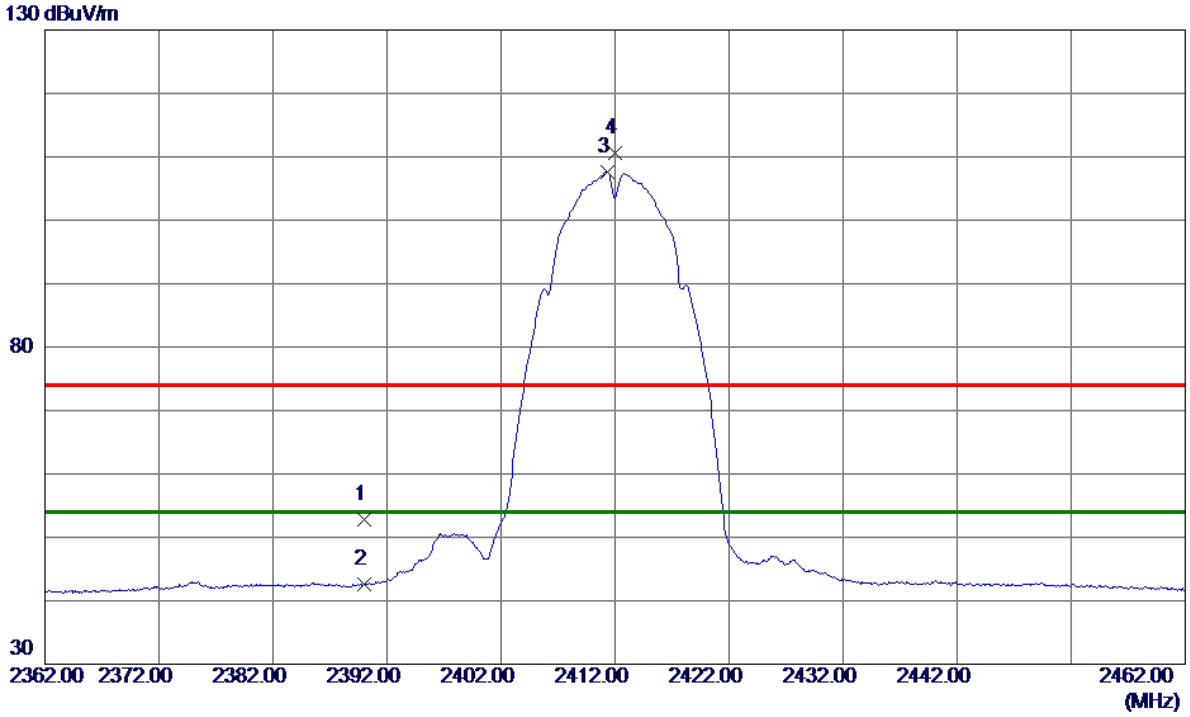
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3214.5970	25.88	3.09	28.97	54.00	-25.03	AVG	
2	3218.0820	38.72	3.09	41.81	74.00	-32.19	Peak	
3	3618.0000	42.59	3.74	46.33	74.00	-27.67	Peak	
4 *	3618.0000	39.13	3.74	42.87	54.00	-11.13	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2412 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	42.92	9.95	52.87	74.00	-21.13	Peak	
2	2390.0000	32.58	9.95	42.53	54.00	-11.47	AVG	
3 *	2411.3000	97.61	10.03	107.64	54.00	53.64	AVG	No Limit
4	2412.0500	100.60	10.03	110.63	74.00	36.63	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2412 MHz

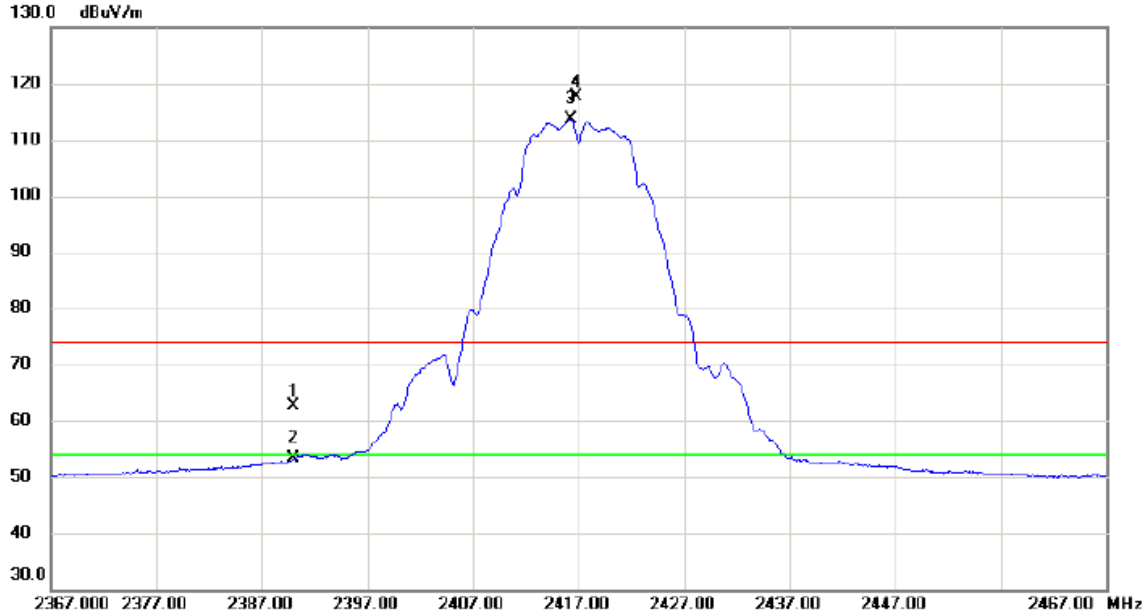
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3214.1800	25.90	3.09	28.99	54.00	-25.01	AVG	
2	3216.3600	38.33	3.09	41.42	74.00	-32.58	Peak	
3	3618.0000	39.17	3.74	42.91	74.00	-31.09	Peak	
4 *	3618.0000	35.38	3.74	39.12	54.00	-14.88	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2417 MHz

Vertical

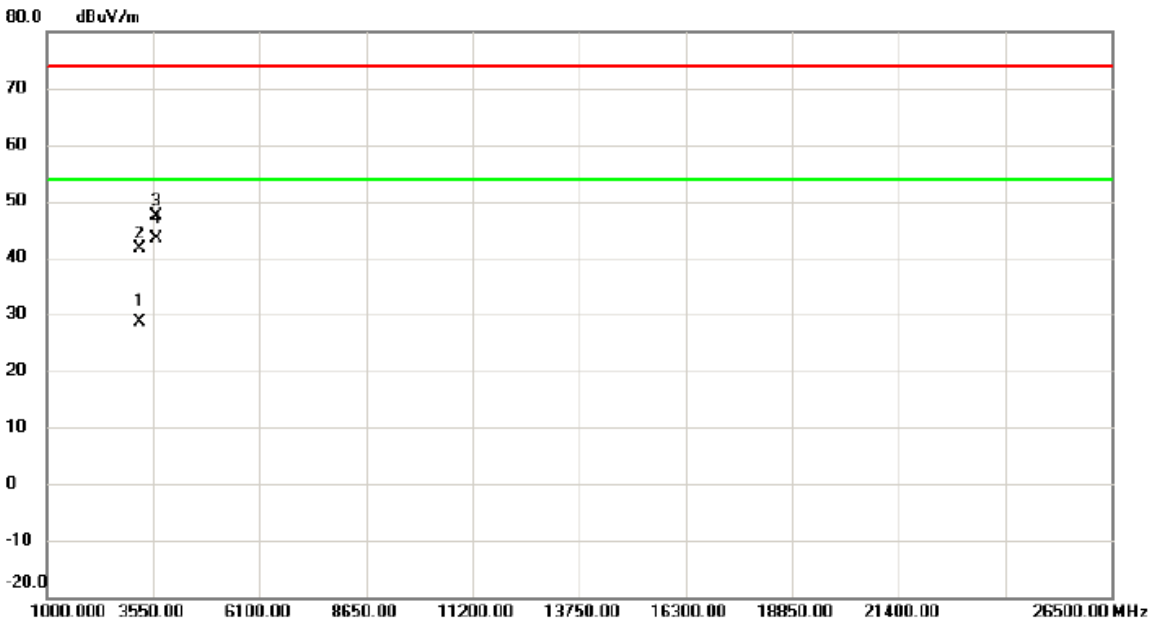


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	52.75	9.95	62.70	74.00	-11.30	peak	
2		2390.000	43.33	9.95	53.28	54.00	-0.72	AVG	
3	*	2416.250	103.54	10.05	113.59	54.00	59.59	AVG	No Limit
4	X	2416.850	107.48	10.05	117.53	74.00	43.53	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2417 MHz

Vertical

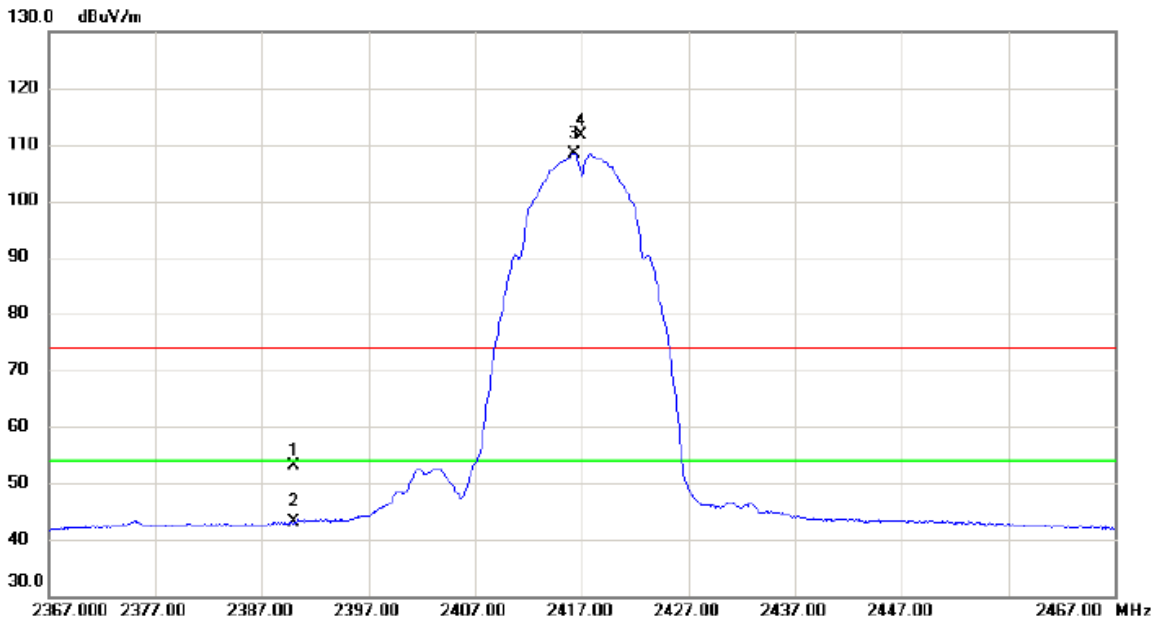


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.427	25.58	3.10	28.68	54.00	-25.32	AVG	
2		3222.508	38.48	3.10	41.58	74.00	-32.42	peak	
3		3625.670	43.55	3.76	47.31	74.00	-26.69	peak	
4	*	3625.670	39.52	3.76	43.28	54.00	-10.72	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2417 MHz

Horizontal

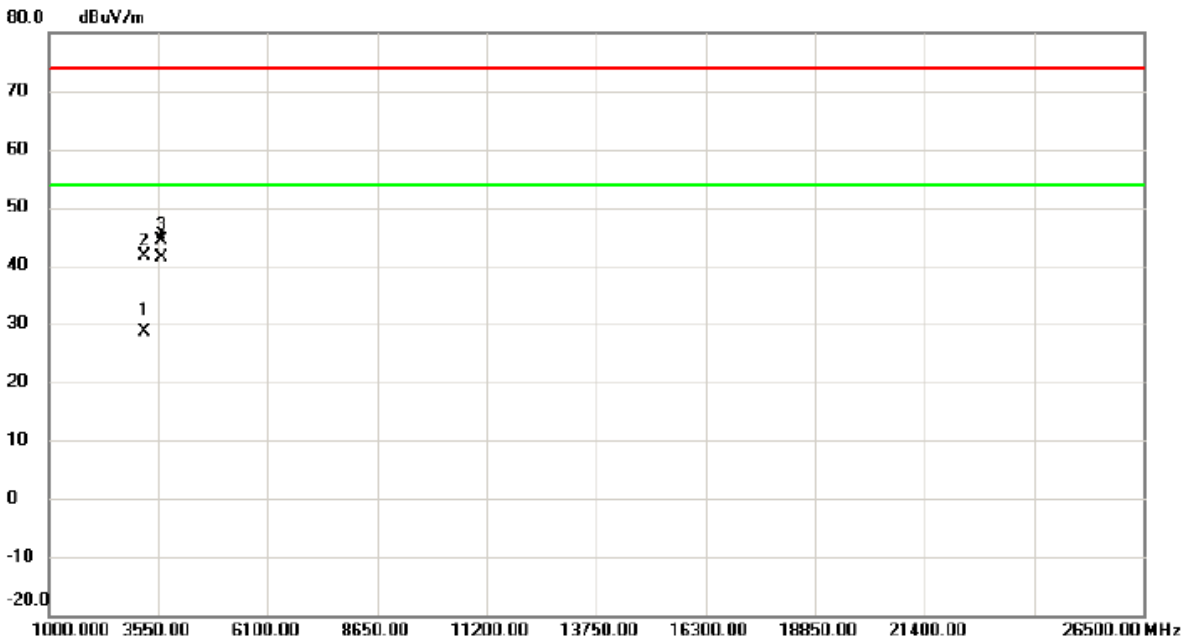


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	43.17	9.95	53.12	74.00	-20.88	peak	
2		2390.000	33.09	9.95	43.04	54.00	-10.96	AVG	
3	*	2416.300	98.41	10.05	108.46	54.00	54.46	AVG	No Limit
4	X	2416.950	101.48	10.05	111.53	74.00	37.53	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2417 MHz

Horizontal

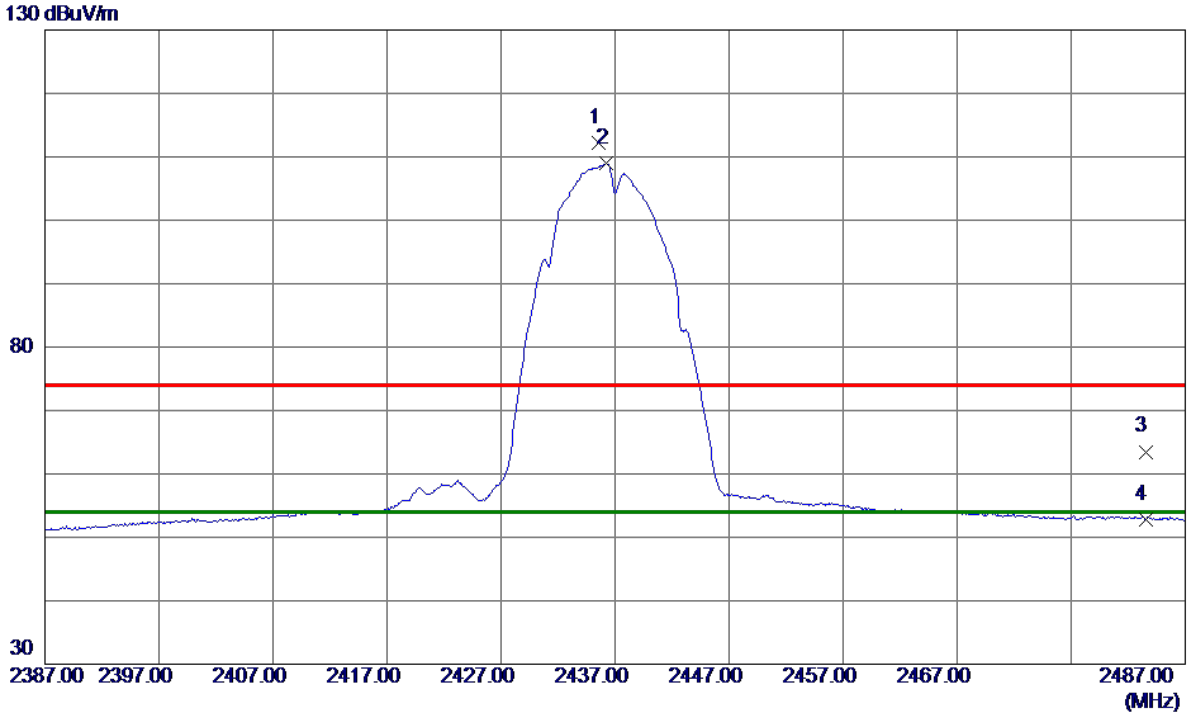


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3221.213	25.55	3.10	28.65	54.00	-25.35	AVG	
2		3223.113	38.50	3.10	41.60	74.00	-32.40	peak	
3		3625.500	40.61	3.76	44.37	74.00	-29.63	peak	
4	*	3625.500	37.61	3.76	41.37	54.00	-12.63	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2435.6000	102.08	10.12	112.20	74.00	38.20	Peak	No Limit
2 *	2436.2500	98.78	10.12	108.90	54.00	54.90	AVG	No Limit
3	2483.5000	53.20	10.30	63.50	74.00	-10.50	Peak	
4	2483.5000	42.58	10.30	52.88	54.00	-1.12	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2437 MHz

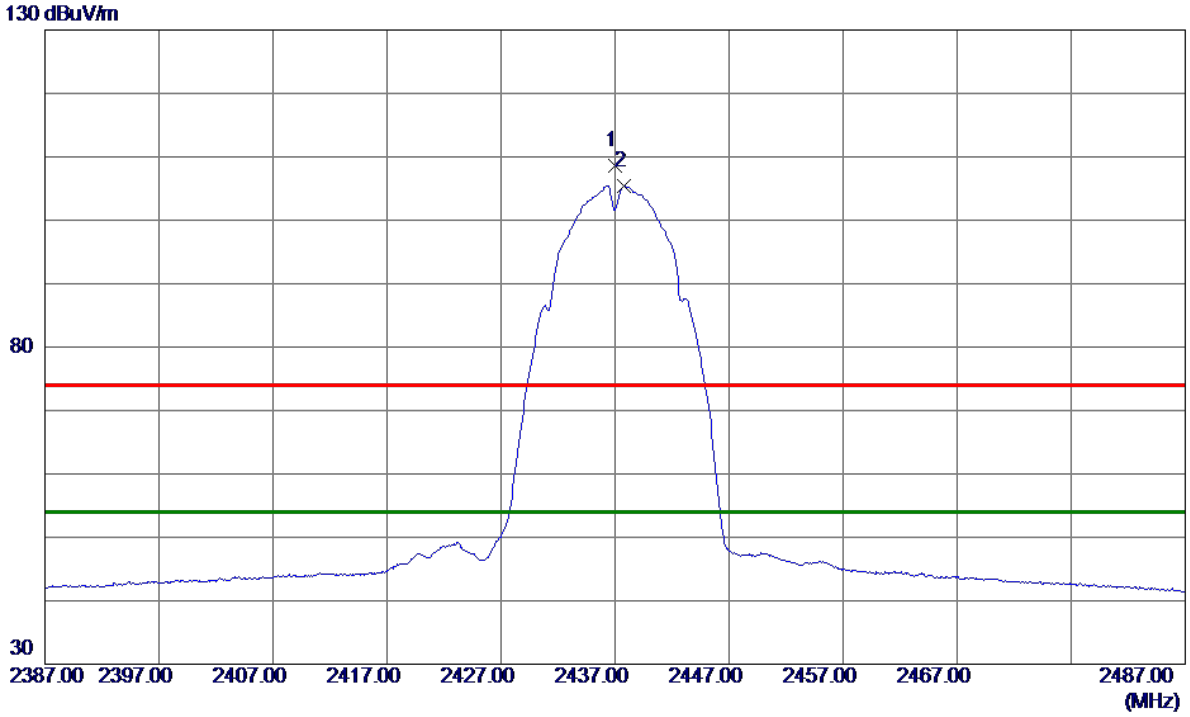
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3250.0570	25.22	3.15	28.37	54.00	-25.63	AVG	
2	3250.5500	38.02	3.15	41.17	74.00	-32.83	Peak	
3	3655.6700	41.20	3.79	44.99	74.00	-29.01	Peak	
4 *	3655.6700	41.13	3.79	44.92	54.00	-9.08	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2437.0000	98.44	10.12	108.56	74.00	34.56	Peak	No Limit
2 *	2437.8000	95.27	10.13	105.40	54.00	51.40	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2437 MHz

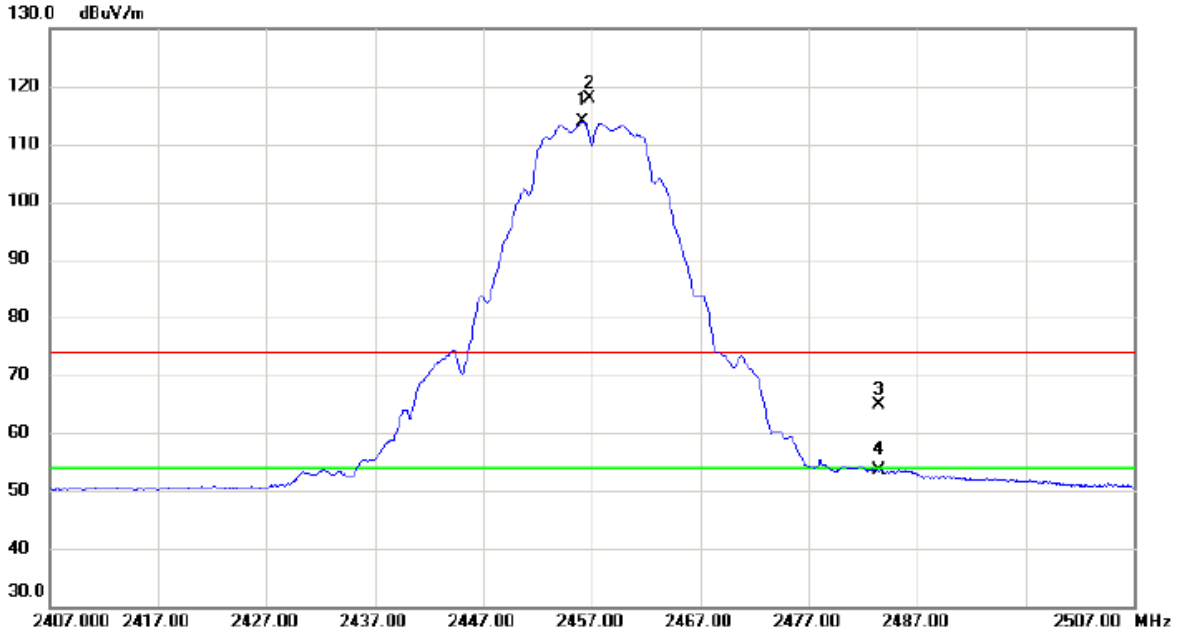
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3247.0730	25.20	3.14	28.34	54.00	-25.66	AVG	
2	3251.0520	37.60	3.15	40.75	74.00	-33.25	Peak	
3 *	3655.5000	39.22	3.79	43.01	54.00	-10.99	AVG	
4	3656.0000	41.31	3.79	45.10	74.00	-28.90	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2457 MHz

Vertical

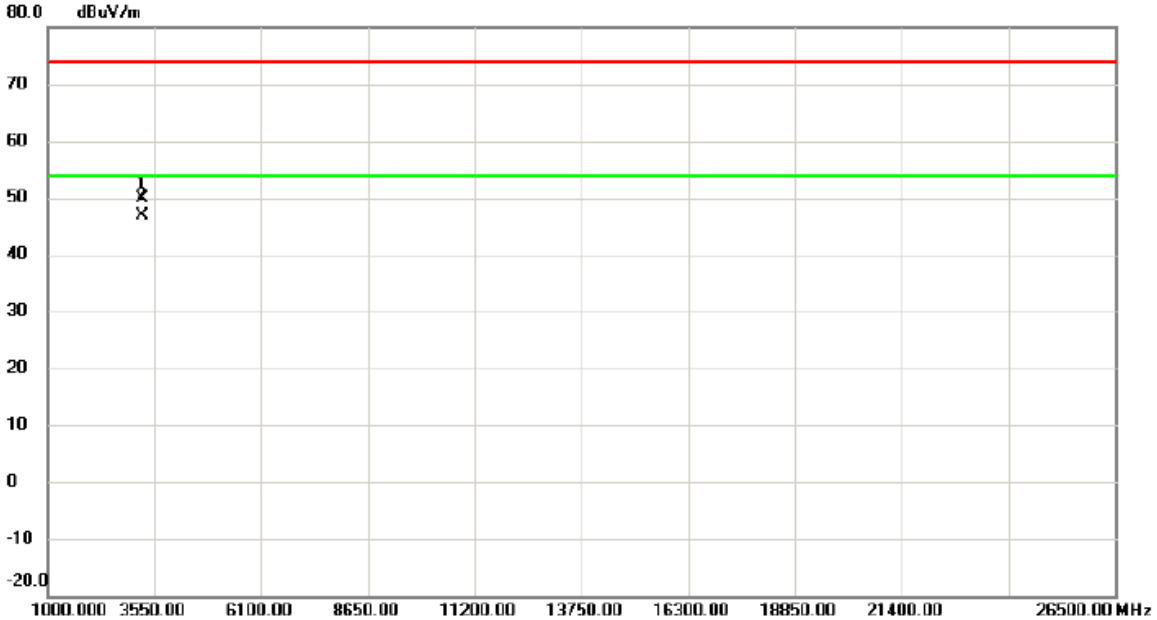


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2456.150	103.81	10.19	114.00	54.00	60.00	AVG	No Limit
2	X	2456.850	107.79	10.20	117.99	74.00	43.99	peak	No Limit
3		2483.500	54.57	10.29	64.86	74.00	-9.14	peak	
4		2483.500	43.30	10.29	53.59	54.00	-0.41	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2457 MHz

Vertical

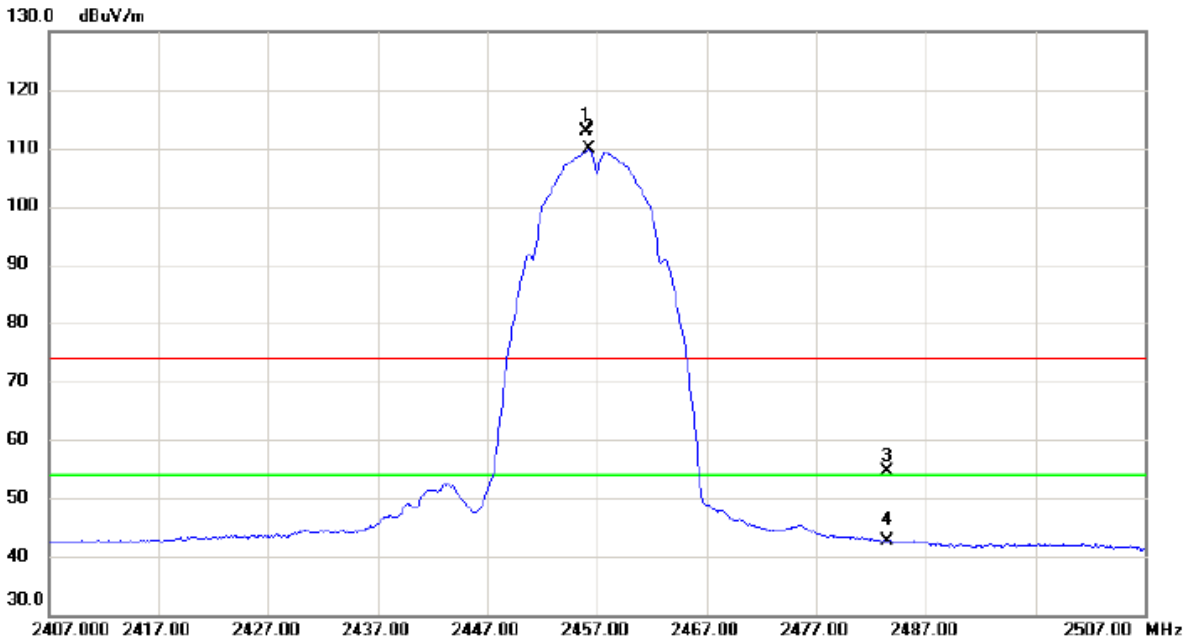


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3275.992	46.57	3.20	49.77	74.00	-24.23	peak	
2	*	3276.048	43.62	3.20	46.82	54.00	-7.18	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2457 MHz

Horizontal

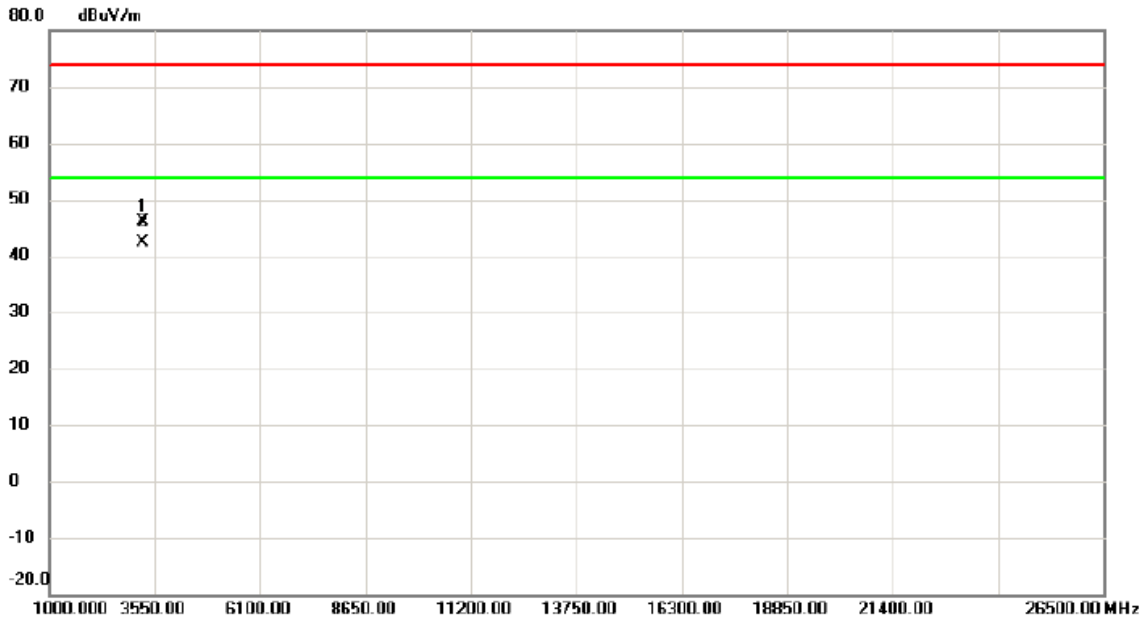


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2456.000	102.62	10.19	112.81	74.00	38.81	peak	No Limit
2	*	2456.300	99.57	10.19	109.76	54.00	55.76	AVG	No Limit
3		2483.500	44.37	10.29	54.66	74.00	-19.34	peak	
4		2483.500	32.31	10.29	42.60	54.00	-11.40	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2457 MHz

Horizontal

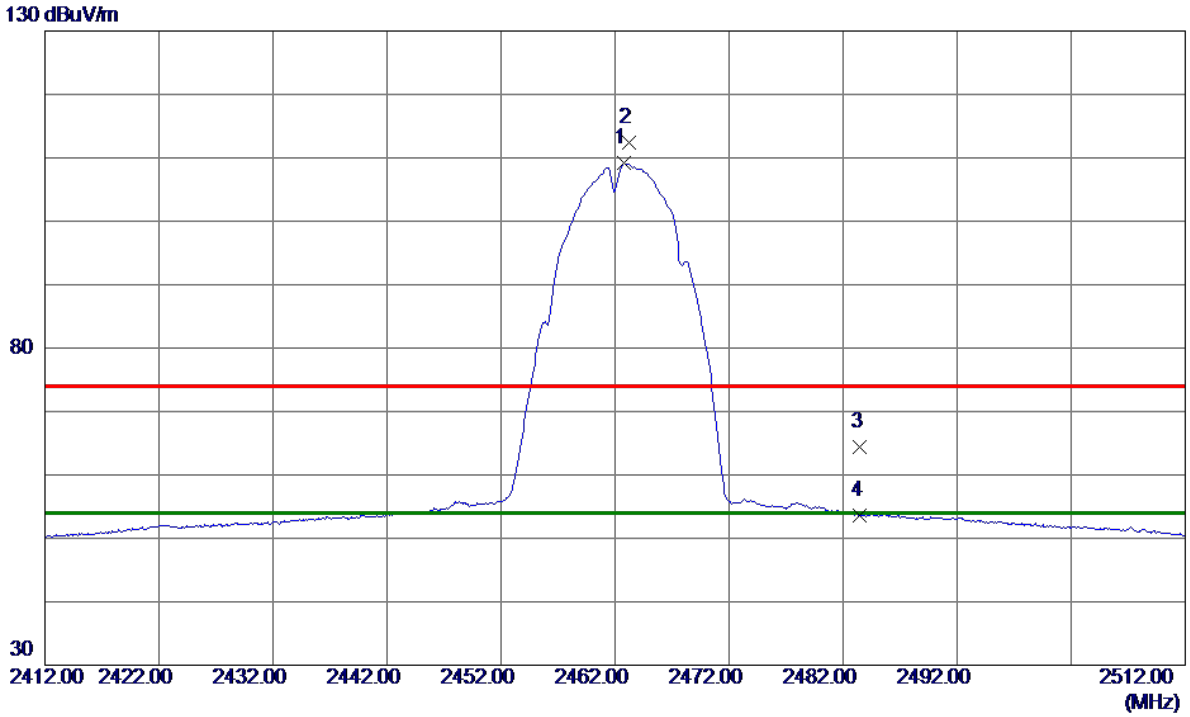


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3275.930	42.83	3.20	46.03	74.00	-27.97	peak	
2	*	3276.080	39.18	3.20	42.38	54.00	-11.62	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2462 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2462.8000	98.90	10.22	109.12	54.00	55.12	AVG	No Limit
2	2463.2000	102.26	10.22	112.48	74.00	38.48	Peak	No Limit
3	2483.5000	54.09	10.30	64.39	74.00	-9.61	Peak	
4	2483.5000	43.22	10.30	53.52	54.00	-0.48	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2462 MHz

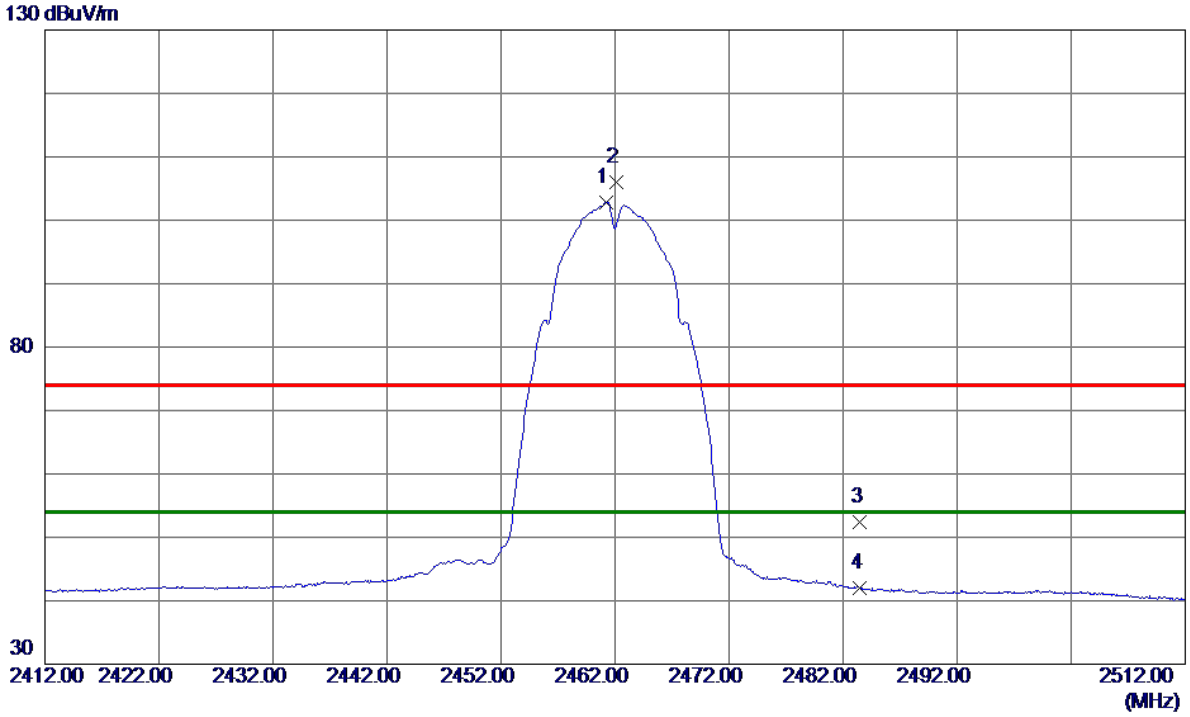
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3282.5880	46.63	3.21	49.84	74.00	-24.16	Peak	
2 *	3282.7020	43.02	3.21	46.23	54.00	-7.77	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2462 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2461.2500	92.67	10.21	102.88	54.00	48.88	AVG	No Limit
2	2462.1000	95.77	10.22	105.99	74.00	31.99	Peak	No Limit
3	2483.5000	42.17	10.30	52.47	74.00	-21.53	Peak	
4	2483.5000	31.66	10.30	41.96	54.00	-12.04	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX B Mode 2462 MHz

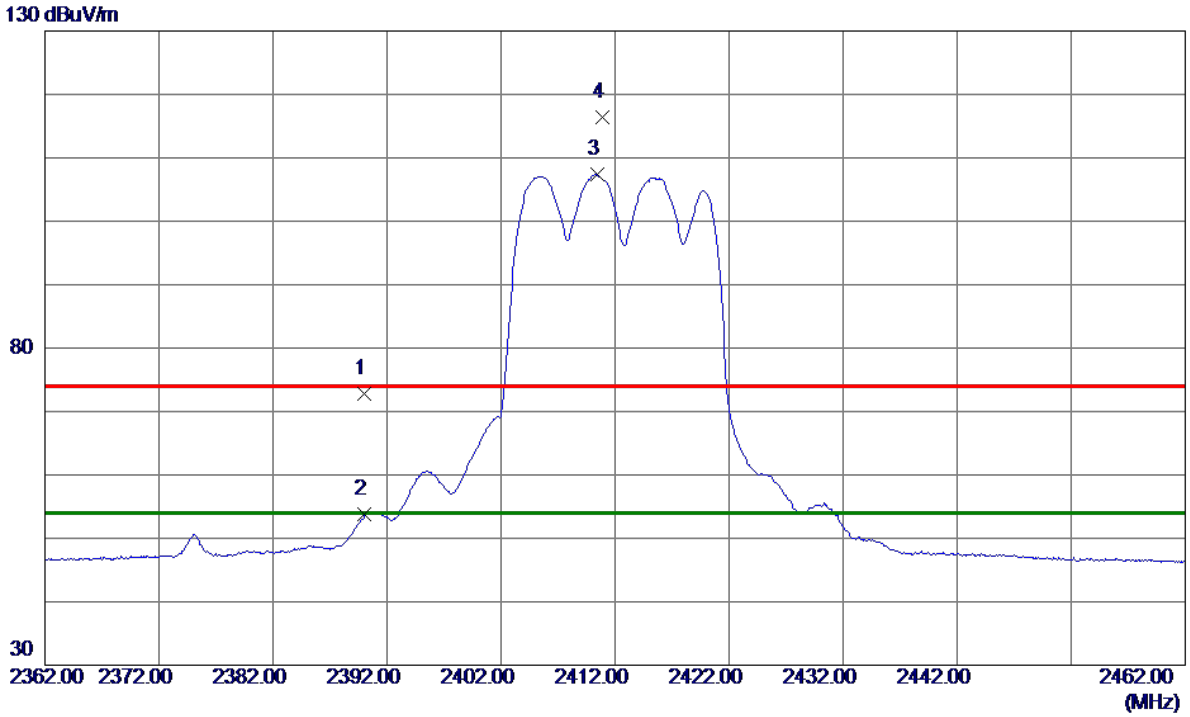
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3282.5300	42.92	3.21	46.13	74.00	-27.87	Peak	
2 *	3282.7800	39.04	3.21	42.25	54.00	-11.75	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2412 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	62.86	9.95	72.81	74.00	-1.19	Peak	
2	2390.0000	43.77	9.95	53.72	54.00	-0.28	AVG	
3 *	2410.4000	97.39	10.02	107.41	54.00	53.41	AVG	No Limit
4	2410.8500	106.35	10.02	116.37	74.00	42.37	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2412 MHz

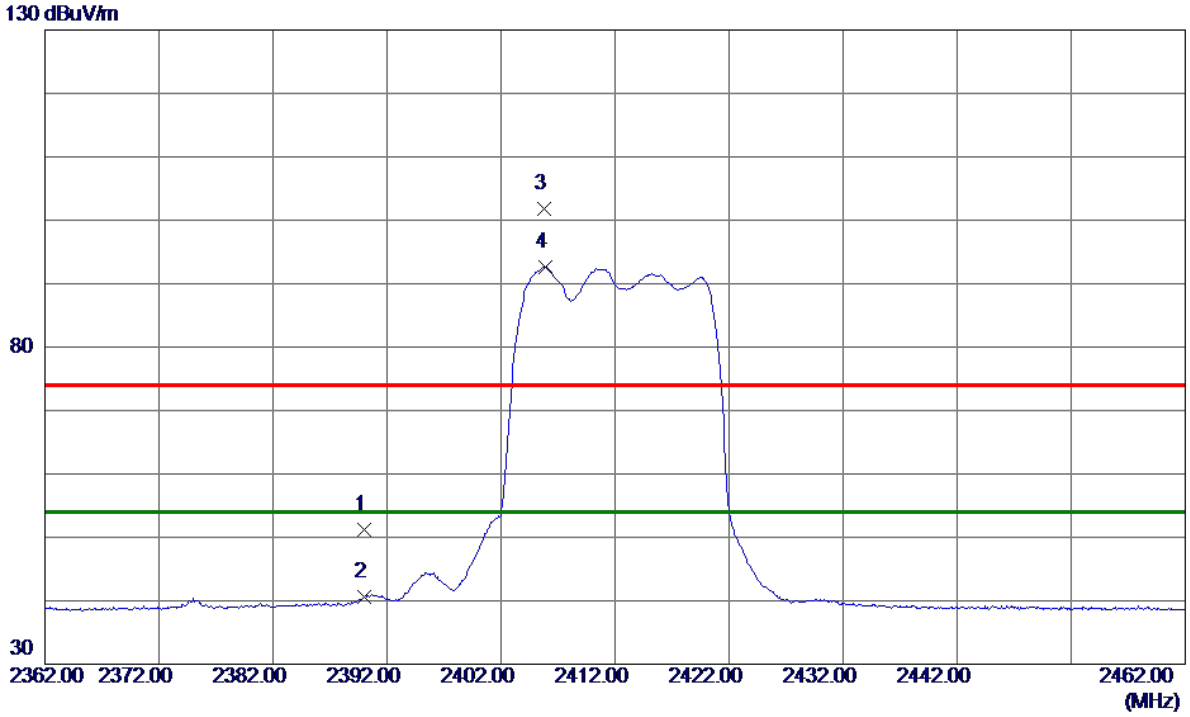
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3213.7270	38.06	3.09	41.15	74.00	-32.85	Peak	
2	3216.3850	25.66	3.09	28.75	54.00	-25.25	AVG	
3	3618.5000	43.04	3.74	46.78	74.00	-27.22	Peak	
4 *	3618.5000	40.68	3.74	44.42	54.00	-9.58	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2412 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	41.34	9.95	51.29	74.00	-22.71	Peak	
2	2390.0000	30.68	9.95	40.63	54.00	-13.37	AVG	
3	2405.7500	91.79	10.01	101.80	74.00	27.80	Peak	No Limit
4 *	2405.8500	82.58	10.01	92.59	54.00	38.59	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2412 MHz

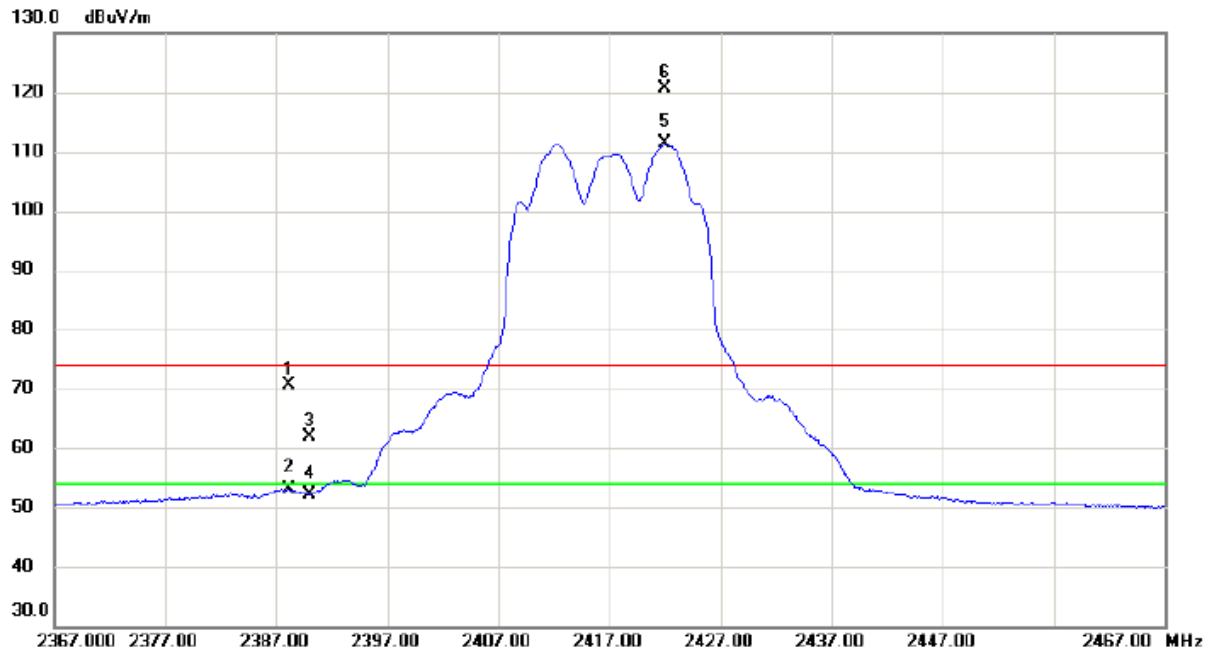
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3216.8380	38.75	3.09	41.84	74.00	-32.16	Peak	
2	3217.0820	25.30	3.09	28.39	54.00	-25.61	AVG	
3 *	3618.0000	36.53	3.74	40.27	54.00	-13.73	AVG	
4	3618.5000	40.51	3.74	44.25	74.00	-29.75	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2417 MHz

Vertical

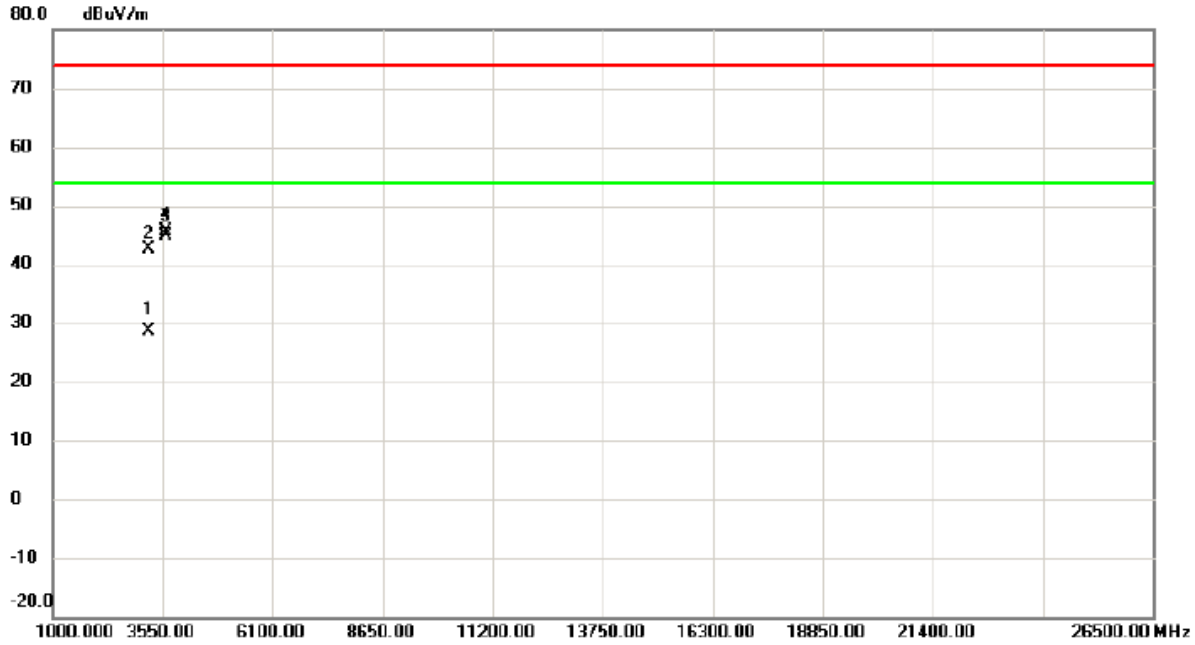


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.200	60.77	9.94	70.71	74.00	-3.29	peak	
2		2388.200	43.19	9.94	53.13	54.00	-0.87	AVG	
3		2390.000	51.86	9.95	61.81	74.00	-12.19	peak	
4		2390.000	42.28	9.95	52.23	54.00	-1.77	AVG	
5	*	2422.000	101.21	10.07	111.28	54.00	57.28	AVG	No Limit
6	X	2422.050	110.59	10.07	120.66	74.00	46.66	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2417 MHz

Vertical

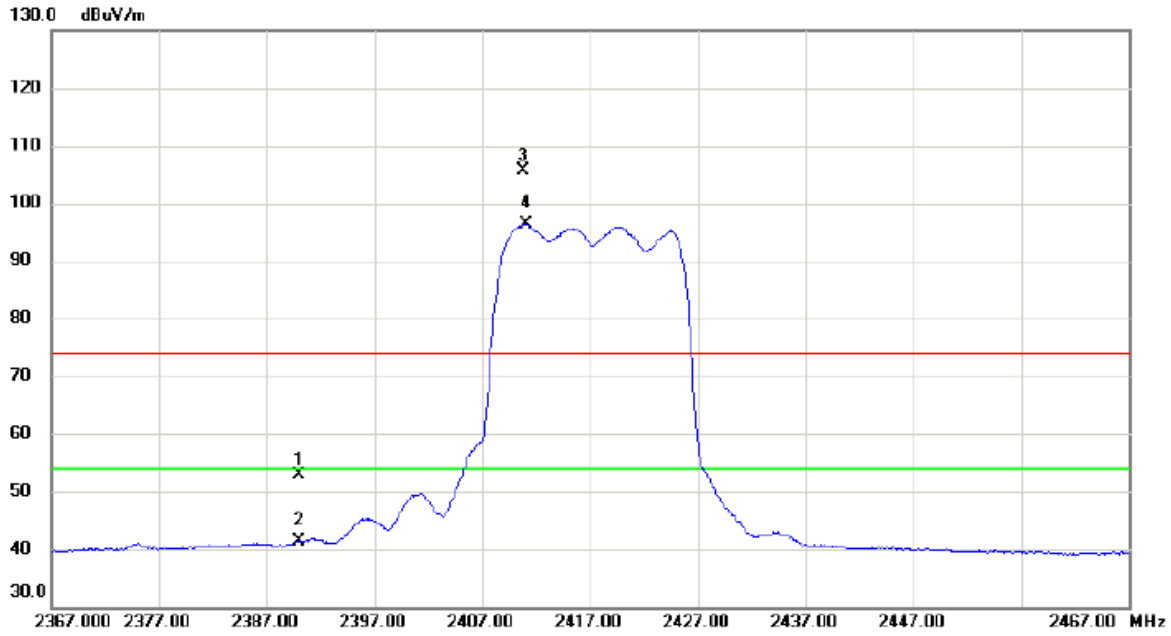


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.380	25.64	3.10	28.74	54.00	-25.26	AVG	
2		3223.907	39.41	3.10	42.51	74.00	-31.49	peak	
3		3625.500	41.85	3.76	45.61	74.00	-28.39	peak	
4	*	3625.500	41.01	3.76	44.77	54.00	-9.23	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2417 MHz

Horizontal

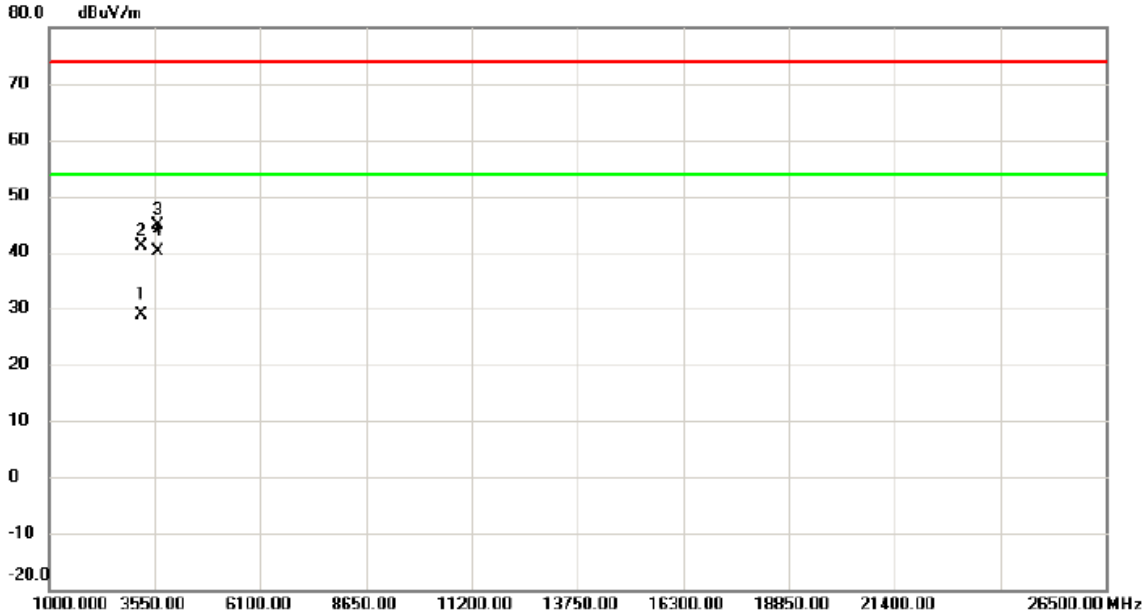


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	42.96	9.95	52.91	74.00	-21.09	peak	
2		2390.000	31.55	9.95	41.50	54.00	-12.50	AVG	
3	X	2410.800	95.63	10.02	105.65	74.00	31.65	peak	No Limit
4	*	2411.100	86.46	10.02	96.48	54.00	42.48	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2417 MHz

Horizontal

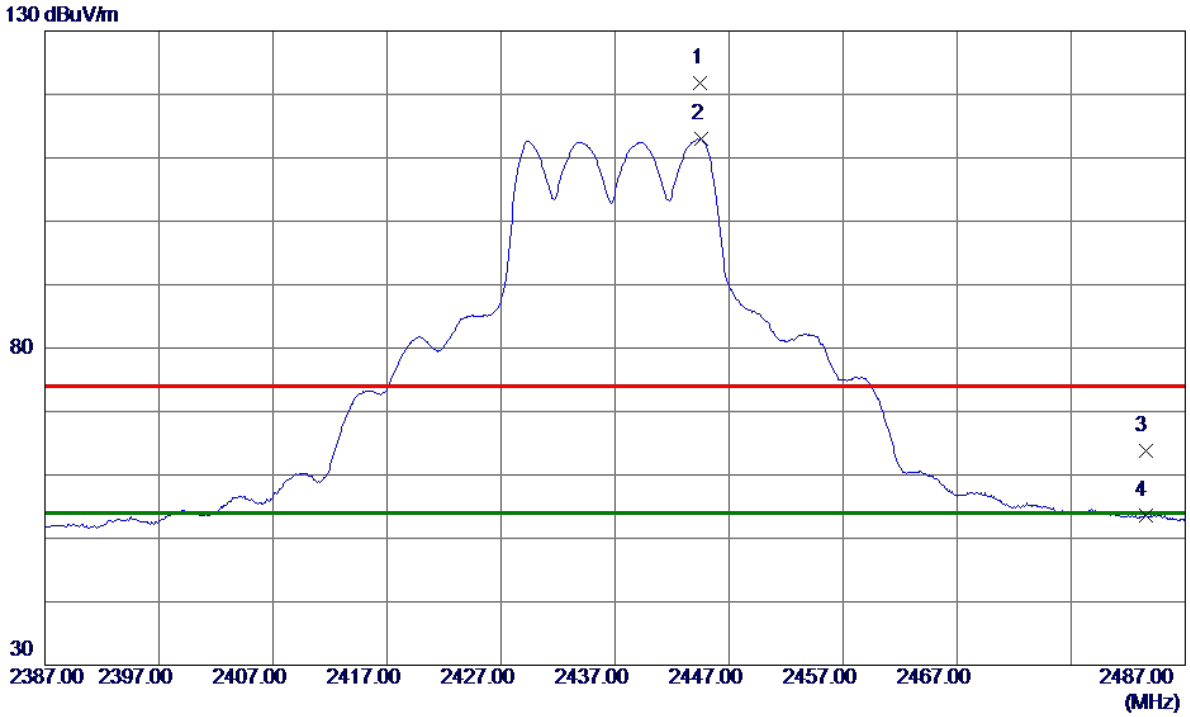


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.677	25.67	3.10	28.77	54.00	-25.23	AVG	
2		3221.305	38.04	3.10	41.14	74.00	-32.86	peak	
3		3625.660	41.12	3.76	44.88	74.00	-29.12	peak	
4	*	3625.660	36.37	3.76	40.13	54.00	-13.87	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2444.5000	111.58	10.15	121.73	74.00	47.73	Peak	No Limit
2 *	2444.6000	102.80	10.15	112.95	54.00	58.95	AVG	No Limit
3	2483.5000	53.50	10.30	63.80	74.00	-10.20	Peak	
4	2483.5000	43.25	10.30	53.55	54.00	-0.45	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2437 MHz

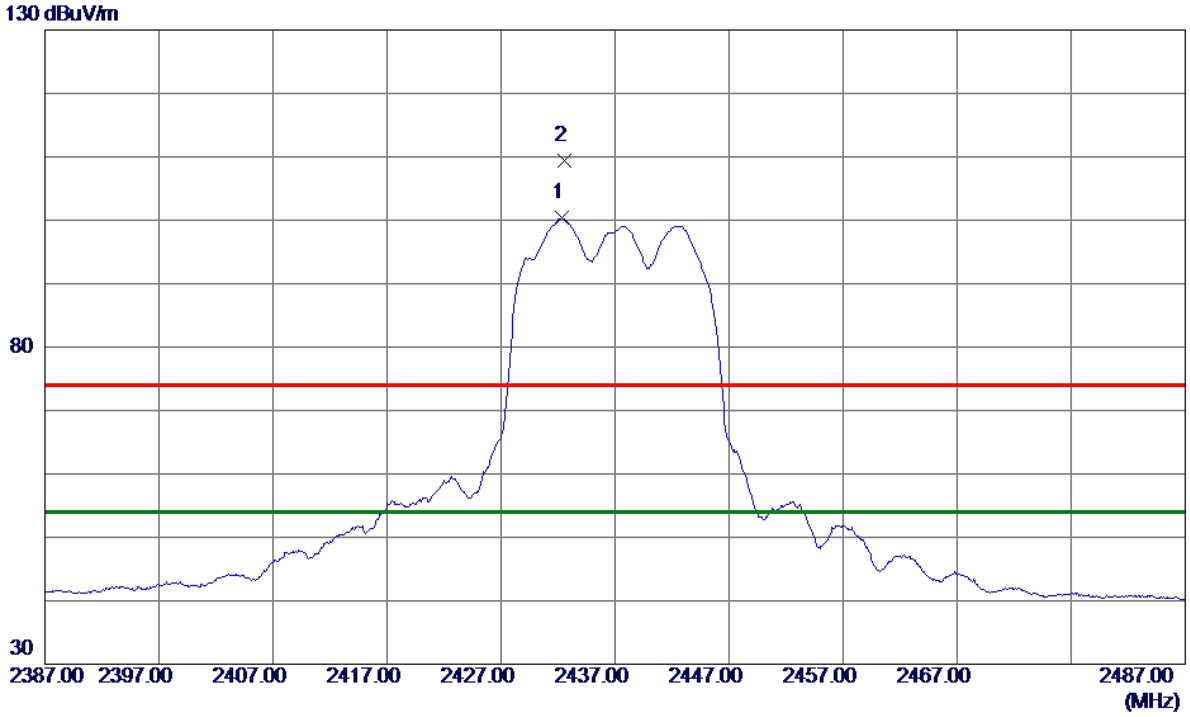
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3250.1419	25.17	3.15	28.32	54.00	-25.68	AVG	
2	3250.6399	37.65	3.15	40.80	74.00	-33.20	Peak	
3	3655.5000	43.40	3.79	47.19	74.00	-26.81	Peak	
4 *	3655.5000	39.86	3.79	43.65	54.00	-10.35	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2432.3000	90.21	10.11	100.32	54.00	46.32	AVG	No Limit
2	2432.5500	99.27	10.11	109.38	74.00	35.38	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2437 MHz

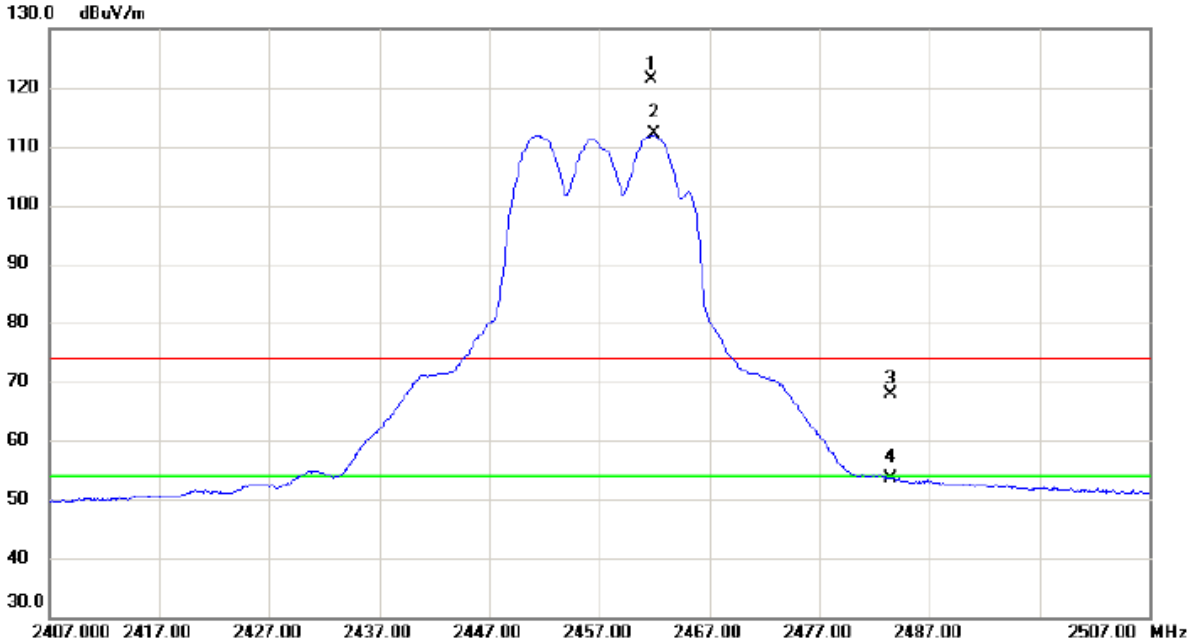
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3248.0800	37.79	3.15	40.94	74.00	-33.06	Peak	
2	3250.0350	25.11	3.15	28.26	54.00	-25.74	AVG	
3	3655.6600	41.76	3.79	45.55	74.00	-28.45	Peak	
4 *	3655.6600	39.17	3.79	42.96	54.00	-11.04	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2457 MHz

Vertical

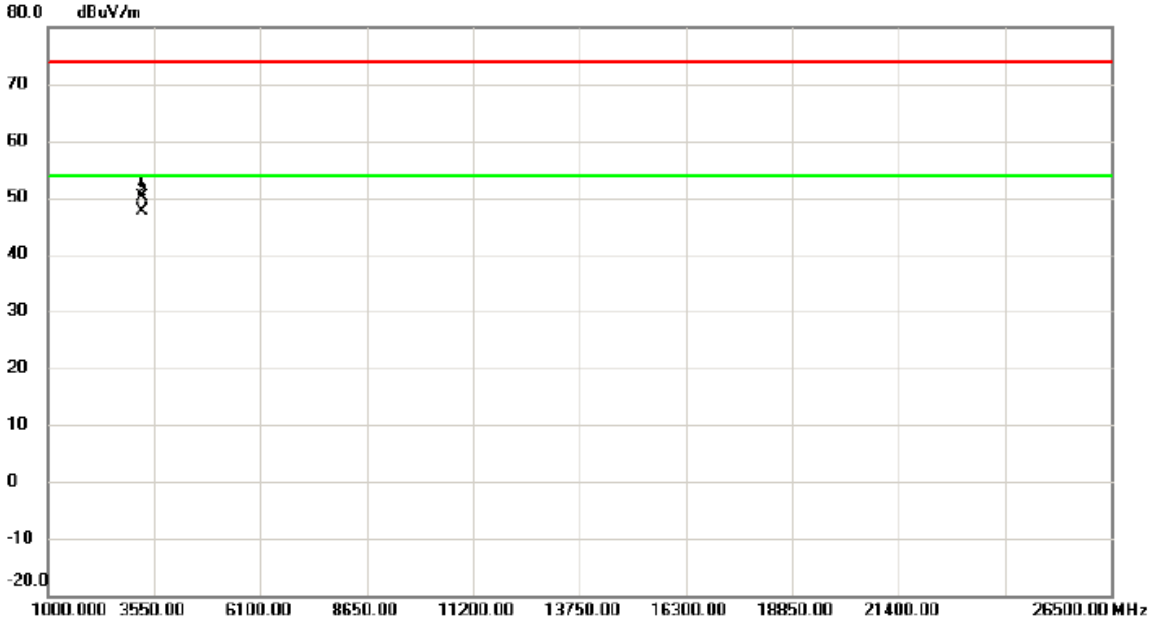


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.750	111.12	10.22	121.34	74.00	47.34	peak	No Limit
2	*	2462.000	101.79	10.22	112.01	54.00	58.01	AVG	No Limit
3		2483.500	57.55	10.29	67.84	74.00	-6.16	peak	
4		2483.500	43.22	10.29	53.51	54.00	-0.49	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2457 MHz

Vertical

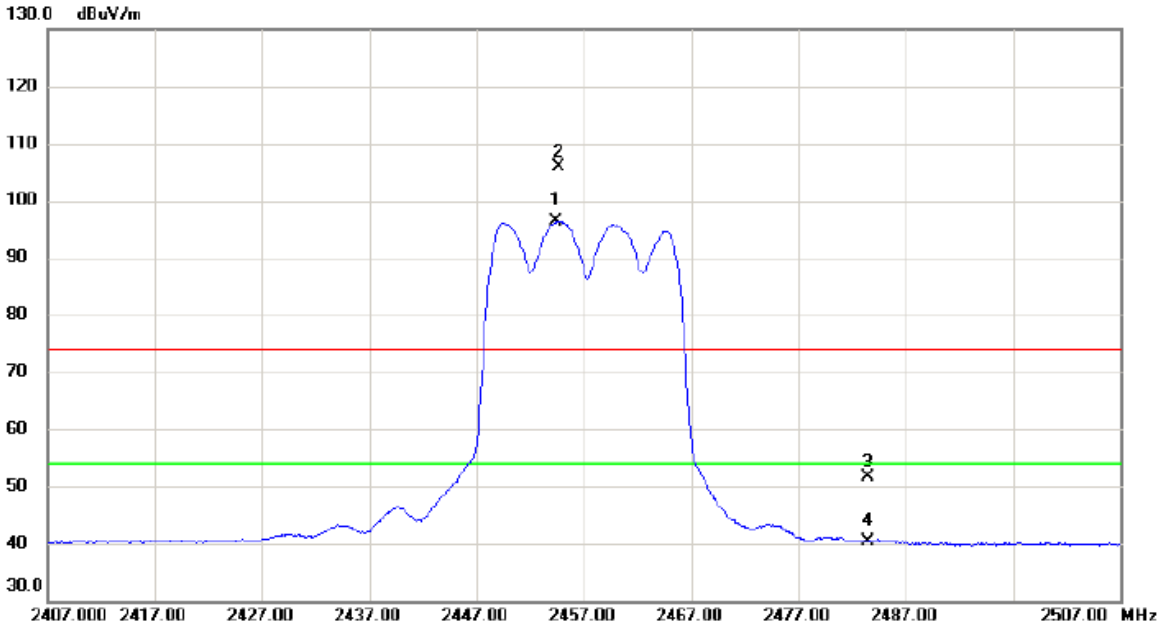


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3275.795	46.97	3.20	50.17	74.00	-23.83	peak	
2	*	3276.057	44.35	3.20	47.55	54.00	-6.45	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2457 MHz

Horizontal

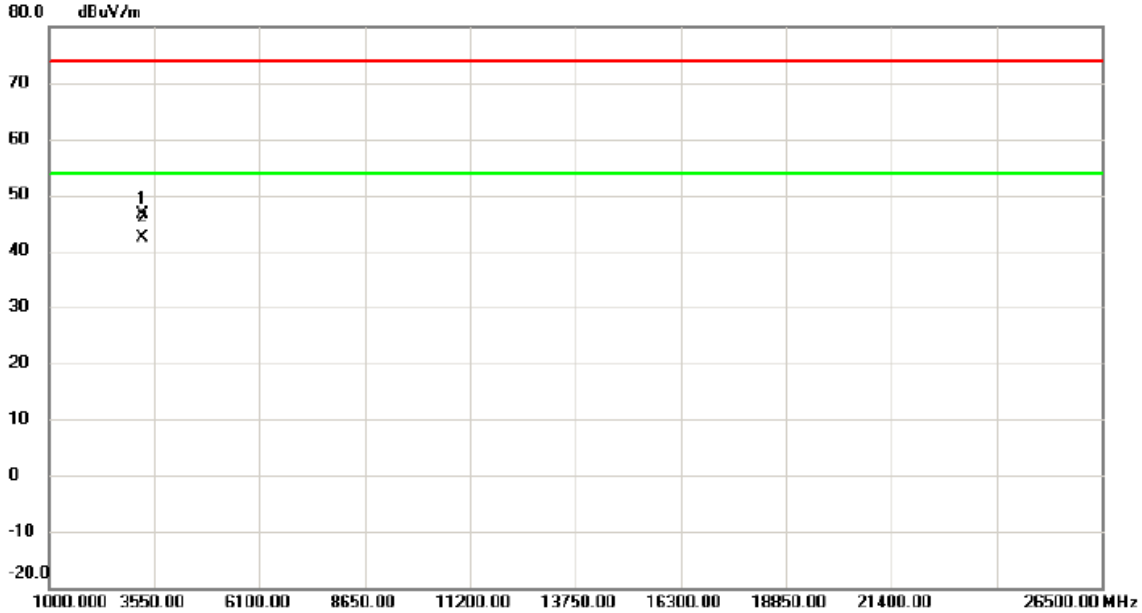


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2454.450	86.23	10.19	96.42	54.00	42.42	AVG	No Limit
2	X	2454.700	95.58	10.19	105.77	74.00	31.77	peak	No Limit
3		2483.500	41.34	10.29	51.63	74.00	-22.37	peak	
4		2483.500	30.08	10.29	40.37	54.00	-13.63	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2457 MHz

Horizontal

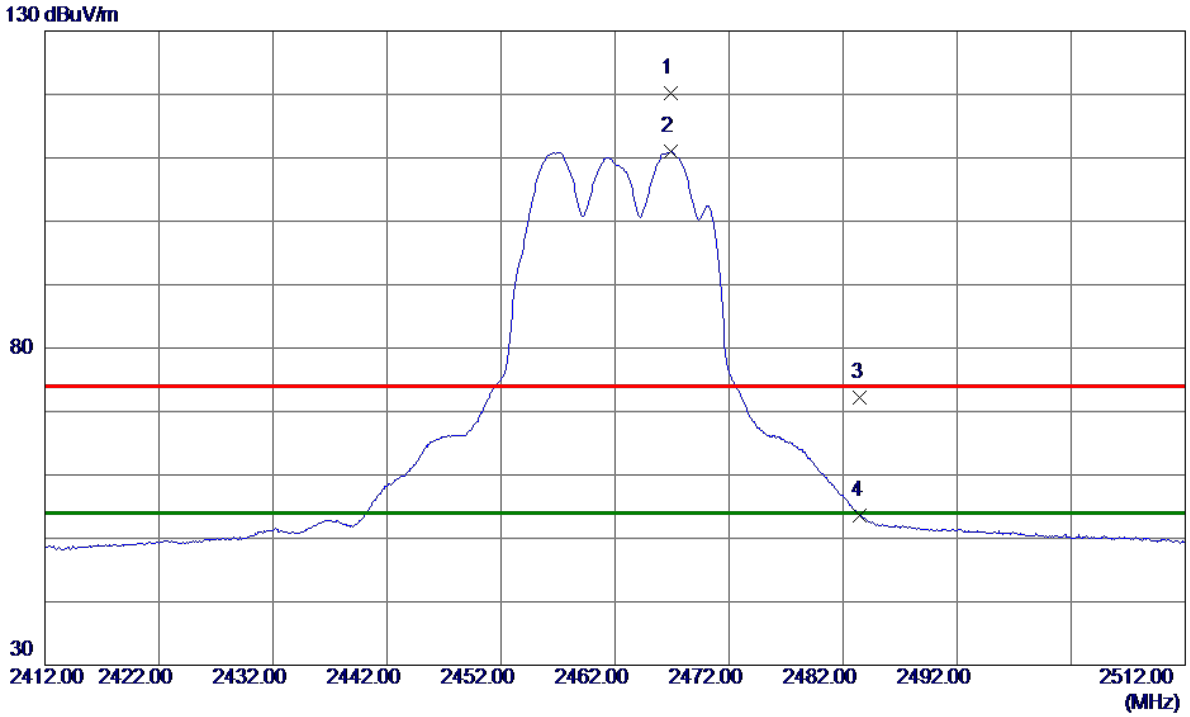


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3275.930	43.38	3.20	46.58	74.00	-27.42	peak	
2	*	3276.030	39.08	3.20	42.28	54.00	-11.72	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2462 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2466.9000	109.96	10.24	120.20	74.00	46.20	Peak	No Limit
2 *	2466.9000	100.68	10.24	110.92	54.00	56.92	AVG	No Limit
3	2483.5000	61.82	10.30	72.12	74.00	-1.88	Peak	
4	2483.5000	43.35	10.30	53.65	54.00	-0.35	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2462 MHz

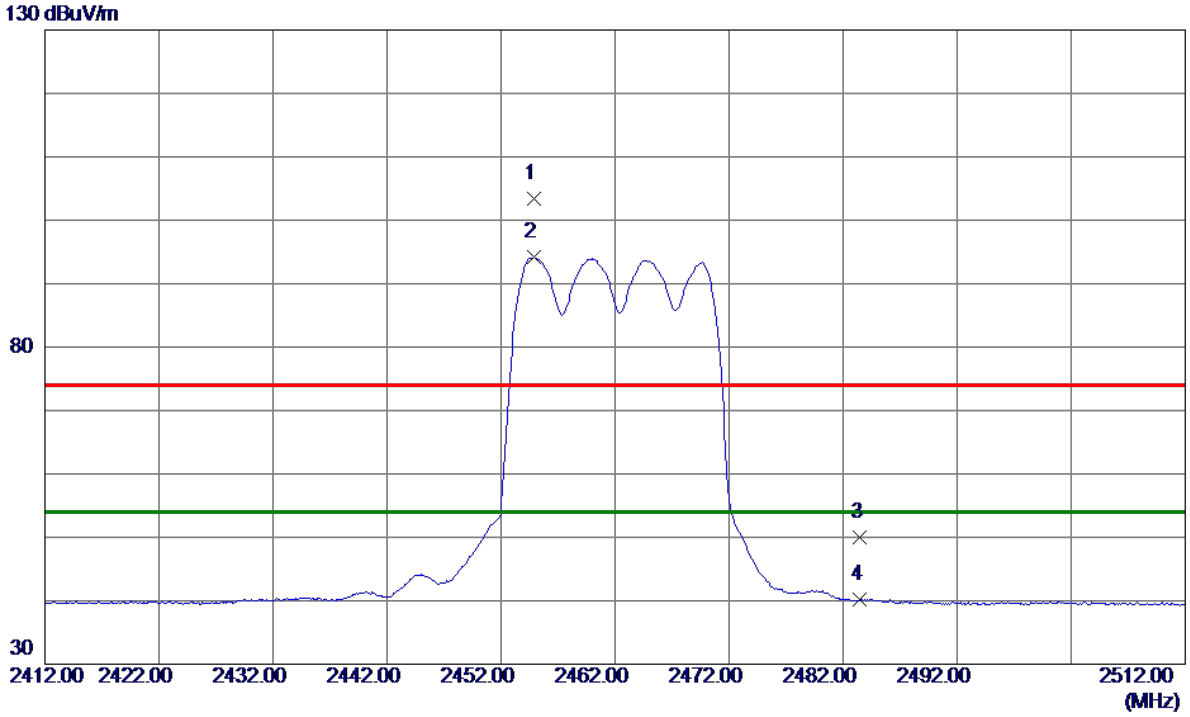
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3282.6550	43.10	3.21	46.31	54.00	-7.69	AVG	
2	3282.8200	46.31	3.21	49.52	74.00	-24.48	Peak	
3	4924.0150	36.26	8.10	44.36	74.00	-29.64	Peak	
4	4924.1500	27.04	8.10	35.14	54.00	-18.86	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2462 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2454.8500	93.29	10.19	103.48	74.00	29.48	Peak	No Limit
2 *	2454.9000	84.01	10.19	94.20	54.00	40.20	AVG	No Limit
3	2483.5000	39.62	10.30	49.92	74.00	-24.08	Peak	
4	2483.5000	29.85	10.30	40.15	54.00	-13.85	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX G Mode 2462 MHz

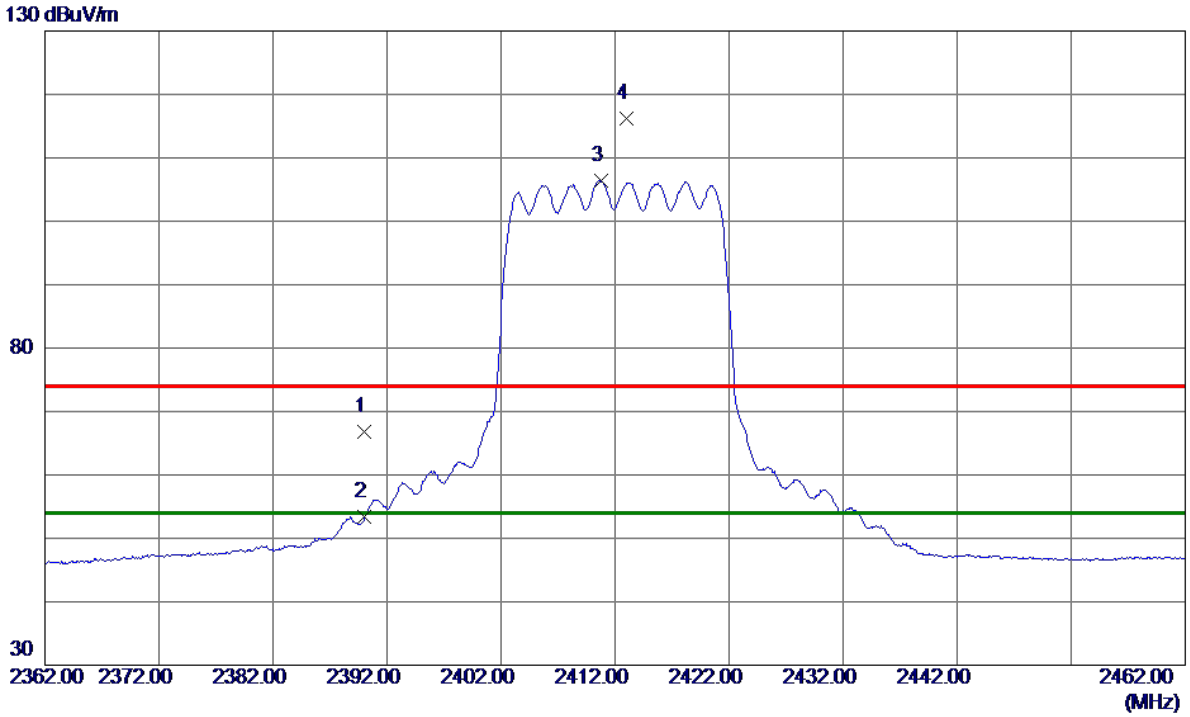
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3282.4300	43.40	3.21	46.61	74.00	-27.39	Peak	
2 *	3282.7300	39.60	3.21	42.81	54.00	-11.19	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	56.89	9.95	66.84	74.00	-7.16	Peak	
2	2390.0000	43.50	9.95	53.45	54.00	-0.55	AVG	
3 *	2410.7500	96.46	10.02	106.48	54.00	52.48	AVG	No Limit
4	2412.9500	106.23	10.03	116.26	74.00	42.26	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

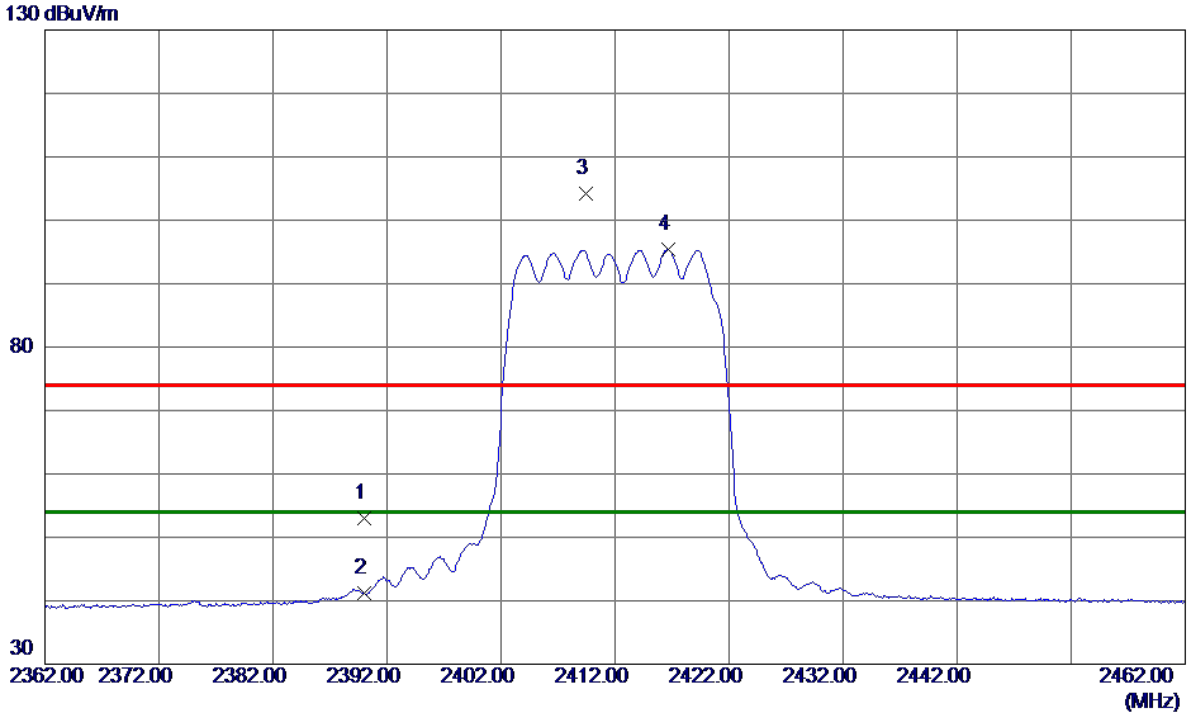
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3216.1570	25.66	3.09	28.75	54.00	-25.25	AVG	
2	3217.5630	38.31	3.09	41.40	74.00	-32.60	Peak	
3	3618.1700	42.59	3.74	46.33	74.00	-27.67	Peak	
4 *	3618.1700	40.20	3.74	43.94	54.00	-10.06	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	42.98	9.95	52.93	74.00	-21.07	Peak	
2	2390.0000	31.26	9.95	41.21	54.00	-12.79	AVG	
3	2409.4000	94.27	10.02	104.29	74.00	30.29	Peak	No Limit
4 *	2416.6500	85.36	10.05	95.41	54.00	41.41	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

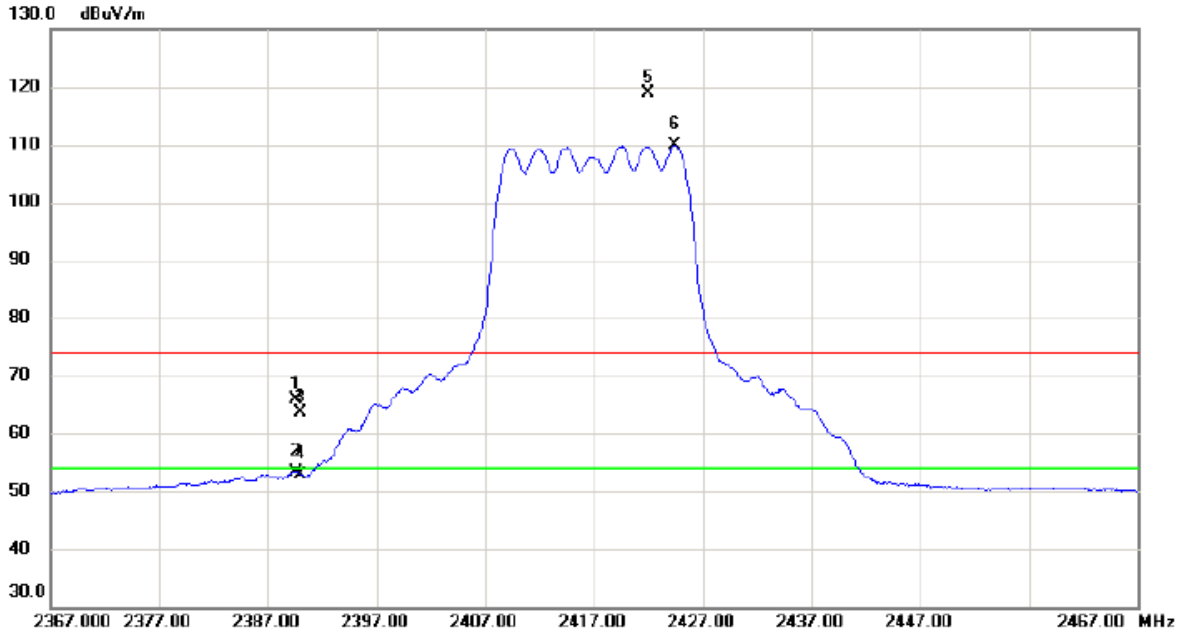
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3216.9700	39.13	3.09	42.22	74.00	-31.78	Peak	
2	3217.9500	25.81	3.09	28.90	54.00	-25.10	AVG	
3	3618.0000	38.47	3.74	42.21	74.00	-31.79	Peak	
4 *	3618.0000	35.40	3.74	39.14	54.00	-14.86	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Vertical

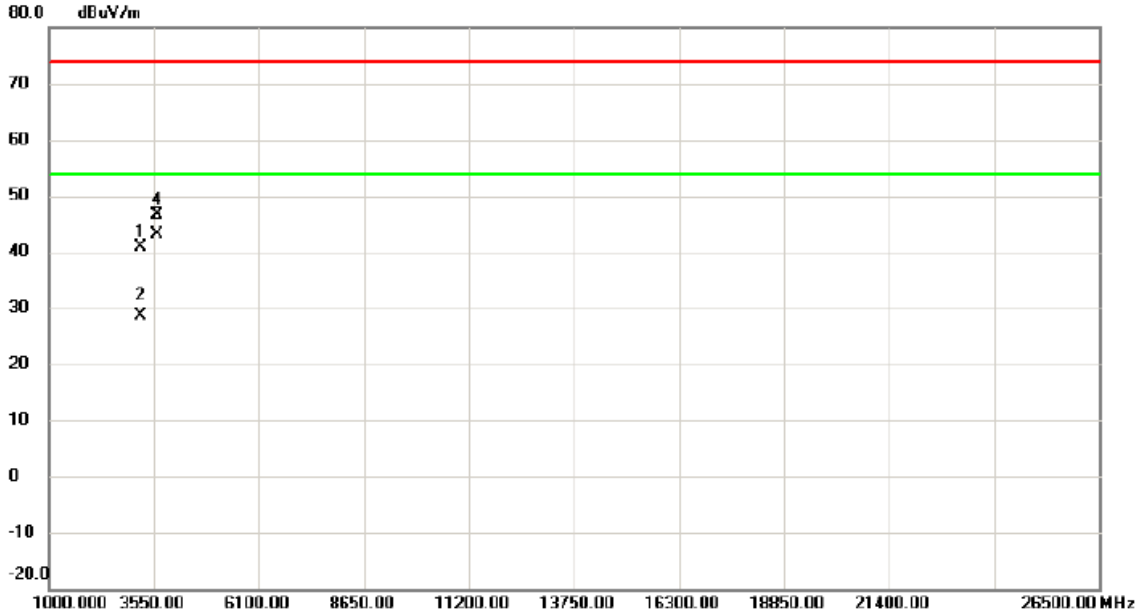


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.650	55.81	9.95	65.76	74.00	-8.24	peak	
2		2389.650	43.40	9.95	53.35	54.00	-0.65	AVG	
3		2390.000	53.63	9.95	63.58	74.00	-10.42	peak	
4		2390.000	43.05	9.95	53.00	54.00	-1.00	AVG	
5	X	2421.950	108.74	10.07	118.81	74.00	44.81	peak	No Limit
6	*	2424.400	99.91	10.07	109.98	54.00	55.98	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Vertical

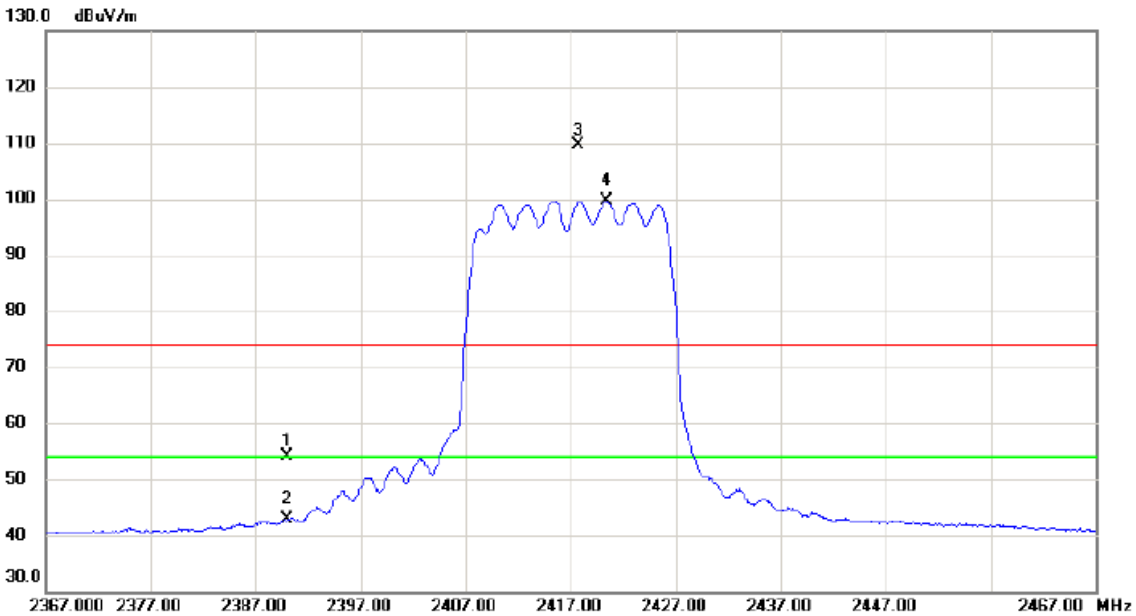


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.742	37.74	3.10	40.84	74.00	-33.16	peak	
2		3221.530	25.60	3.09	28.69	54.00	-25.31	AVG	
3	*	3625.670	39.37	3.76	43.13	54.00	-10.87	AVG	
4		3626.170	42.81	3.76	46.57	74.00	-27.43	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal

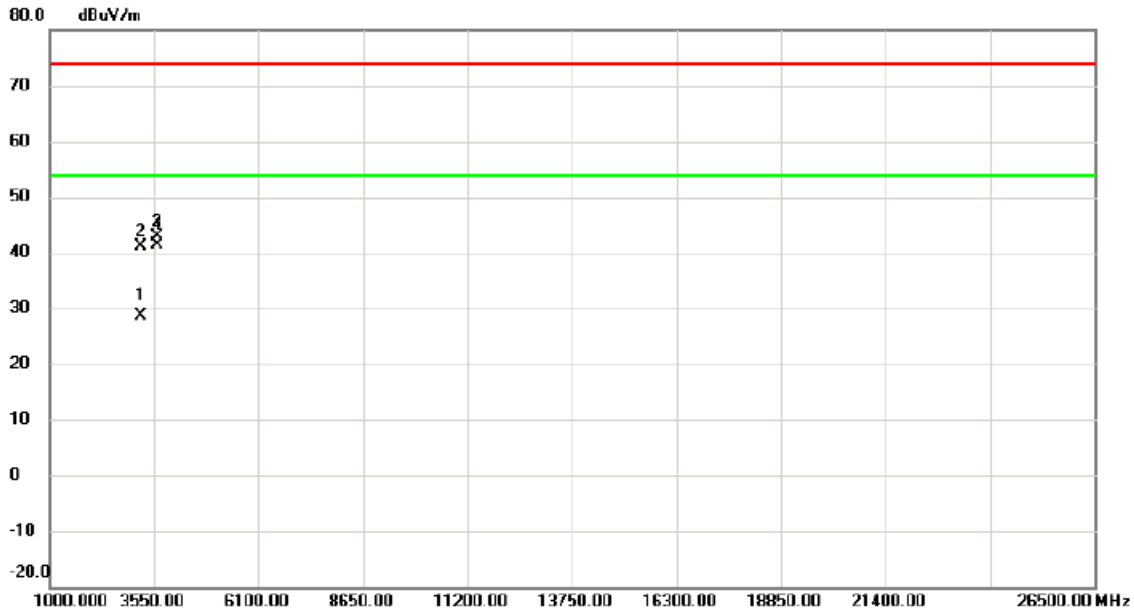


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	44.10	9.95	54.05	74.00	-19.95	peak	No Limit
2		2390.000	32.94	9.95	42.89	54.00	-11.11	AVG	No Limit
3	X	2417.700	99.47	10.05	109.52	74.00	35.52	peak	
4	*	2420.400	89.63	10.06	99.69	54.00	45.69	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal

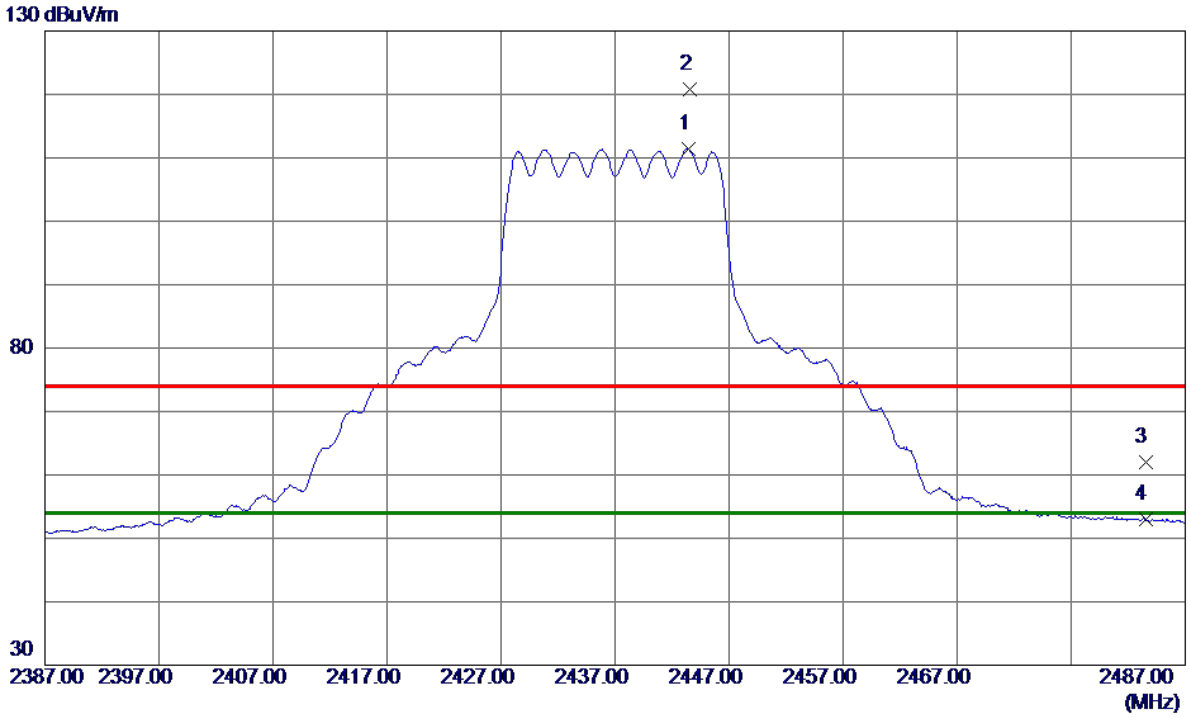


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3221.427	25.52	3.10	28.62	54.00	-25.38	AVG	
2		3223.028	37.92	3.10	41.02	74.00	-32.98	peak	
3		3625.330	39.02	3.76	42.78	74.00	-31.22	peak	
4	*	3625.330	37.69	3.76	41.45	54.00	-12.55	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2443.4000	101.34	10.15	111.49	54.00	57.49	AVG	No Limit
2	2443.5500	110.66	10.15	120.81	74.00	46.81	Peak	No Limit
3	2483.5000	51.62	10.30	61.92	74.00	-12.08	Peak	
4	2483.5000	42.64	10.30	52.94	54.00	-1.06	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2437 MHz

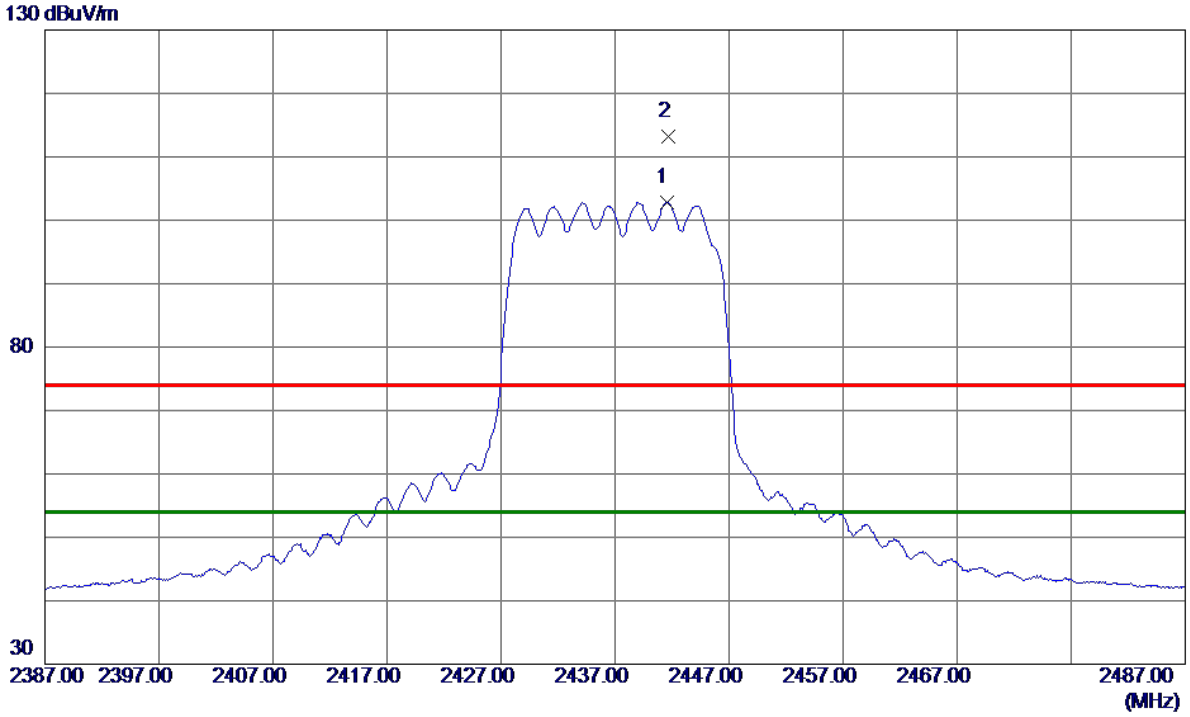
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3246.9500	37.46	3.14	40.60	74.00	-33.40	Peak	
2	3250.0230	25.11	3.15	28.26	54.00	-25.74	AVG	
3	3655.5000	43.43	3.79	47.22	74.00	-26.78	Peak	
4 *	3655.5000	41.13	3.79	44.92	54.00	-9.08	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2441.5000	92.70	10.14	102.84	54.00	48.84	AVG	No Limit
2	2441.7000	103.08	10.14	113.22	74.00	39.22	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2437 MHz

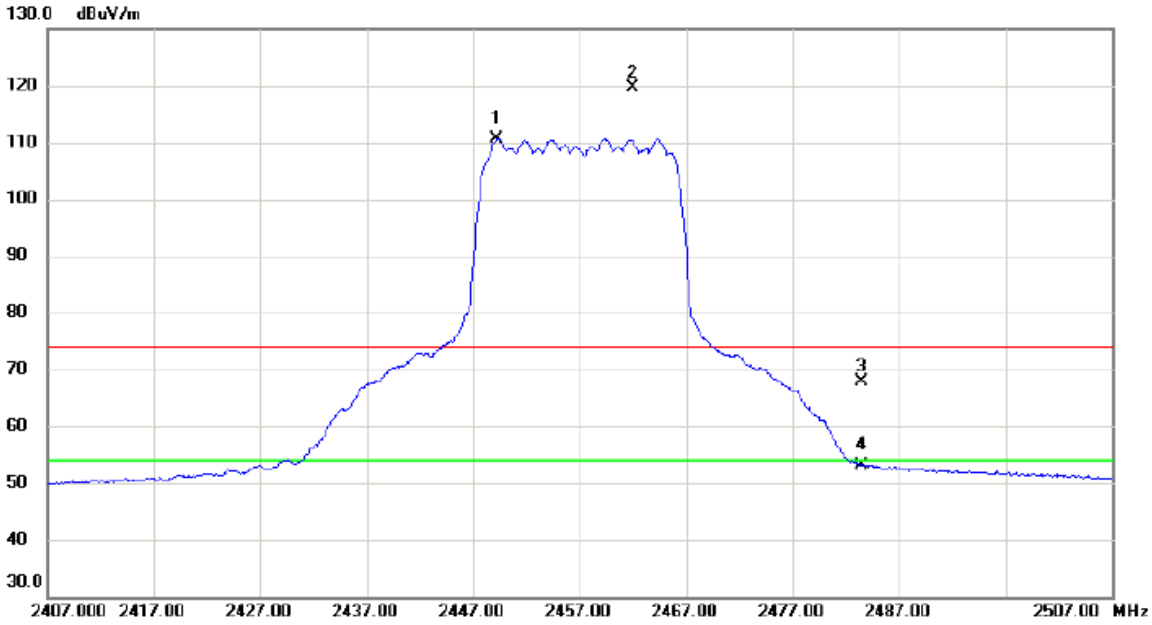
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3249.9300	24.79	3.15	27.94	54.00	-26.06	AVG	
2	3250.2300	37.53	3.15	40.68	74.00	-33.32	Peak	
3 *	3655.3300	37.85	3.79	41.64	54.00	-12.36	AVG	
4	3655.8300	41.61	3.79	45.40	74.00	-28.60	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2457 MHz

Vertical

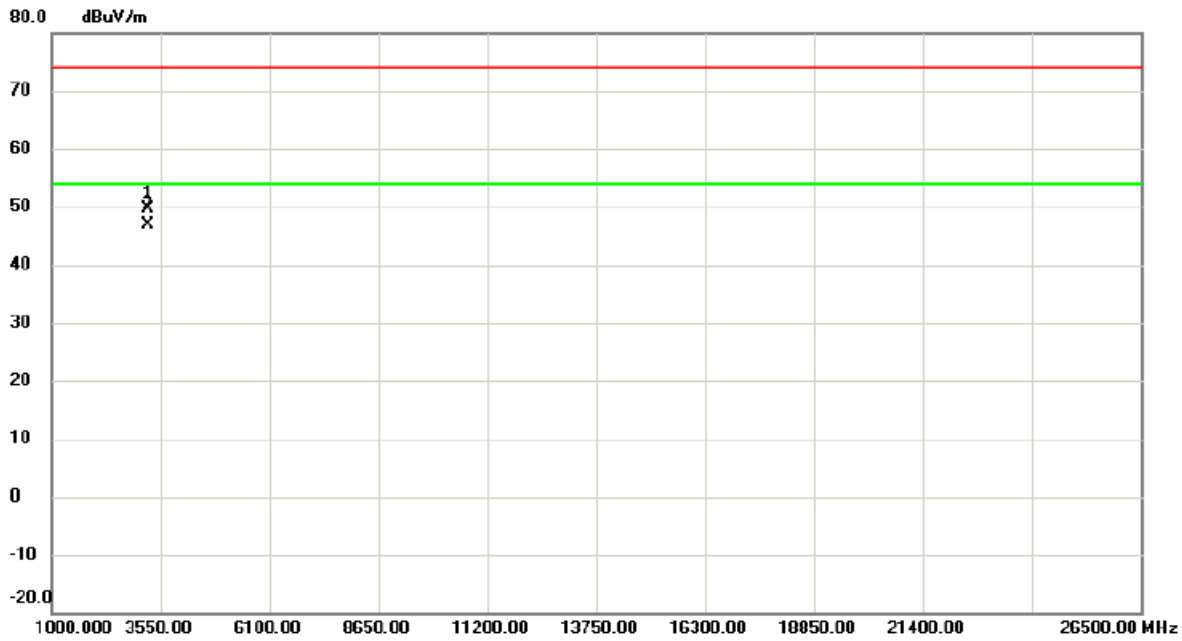


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.250	100.55	10.17	110.72	54.00	56.72	AVG	No Limit
2	X	2461.950	109.52	10.22	119.74	74.00	45.74	peak	No Limit
3		2483.500	57.55	10.29	67.84	74.00	-6.16	peak	
4		2483.500	42.96	10.29	53.25	54.00	-0.75	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2457 MHz

Vertical

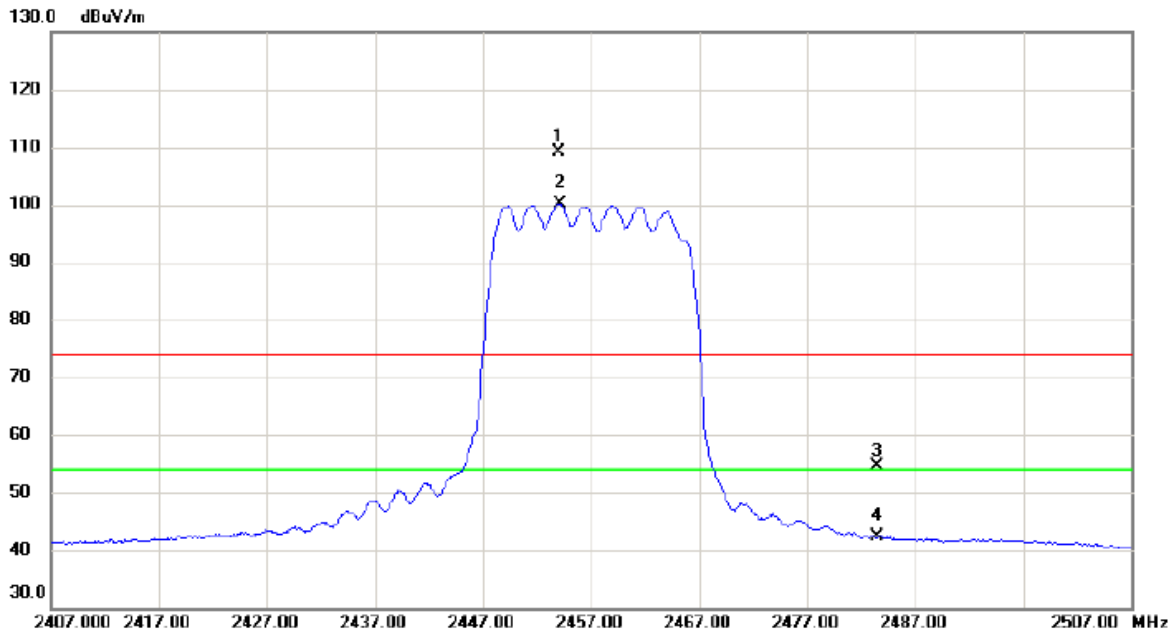


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3275.930	46.37	3.20	49.57	74.00	-24.43	peak	
2	*	3276.020	43.75	3.20	46.95	54.00	-7.05	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2457 MHz

Horizontal

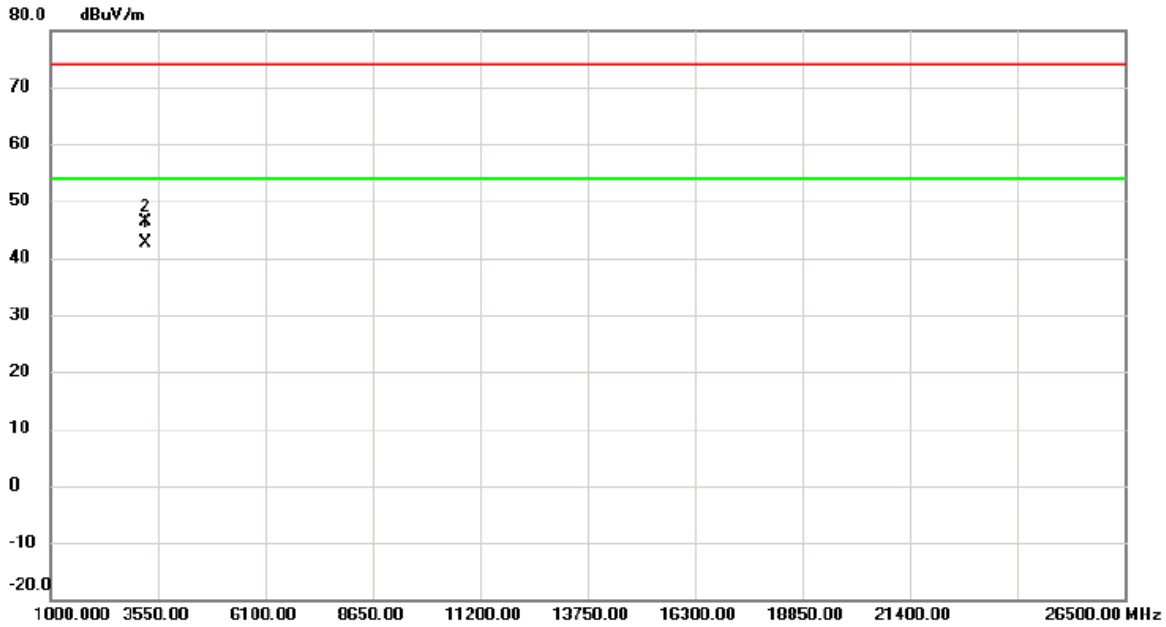


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2454.000	99.02	10.19	109.21	74.00	35.21	peak	No Limit
2	*	2454.150	90.02	10.19	100.21	54.00	46.21	AVG	No Limit
3		2483.500	44.27	10.29	54.56	74.00	-19.44	peak	
4		2483.500	31.98	10.29	42.27	54.00	-11.73	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2457 MHz

Horizontal

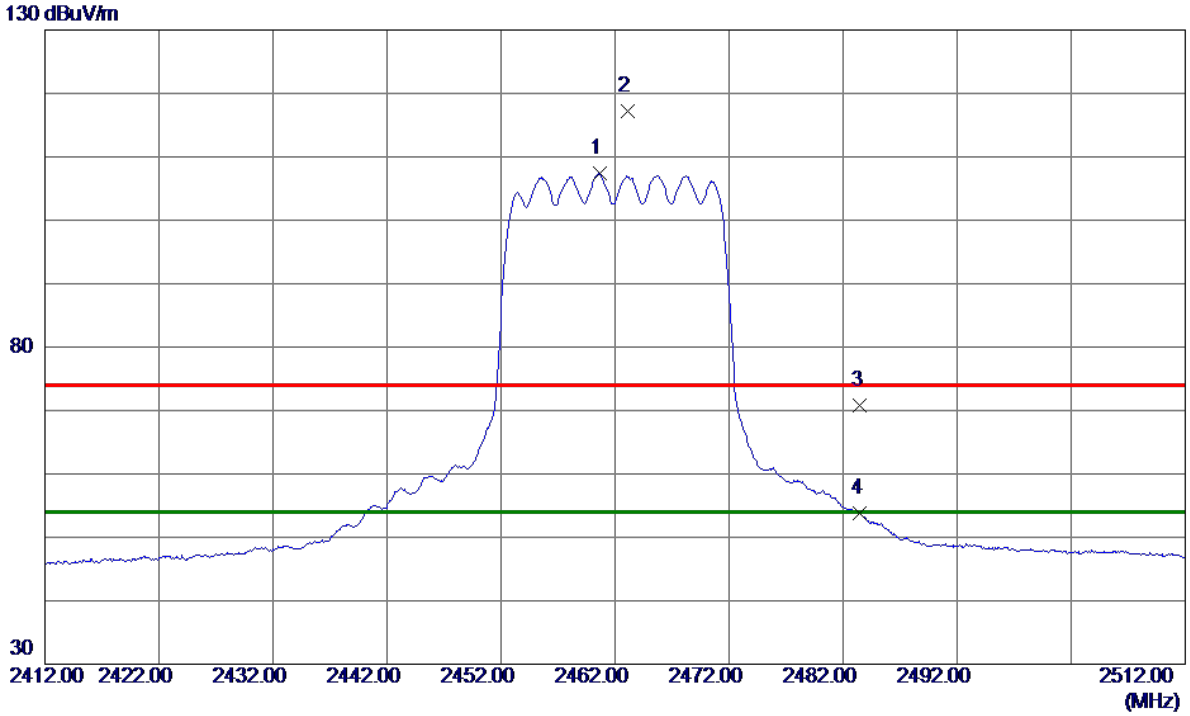


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3276.030	39.48	3.20	42.68	54.00	-11.32	AVG	
2		3276.180	43.06	3.20	46.26	74.00	-27.74	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2462 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460.7000	97.22	10.21	107.43	54.00	53.43	AVG	No Limit
2	2463.1000	106.90	10.22	117.12	74.00	43.12	Peak	No Limit
3	2483.5000	60.53	10.30	70.83	74.00	-3.17	Peak	
4	2483.5000	43.49	10.30	53.79	54.00	-0.21	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2462 MHz

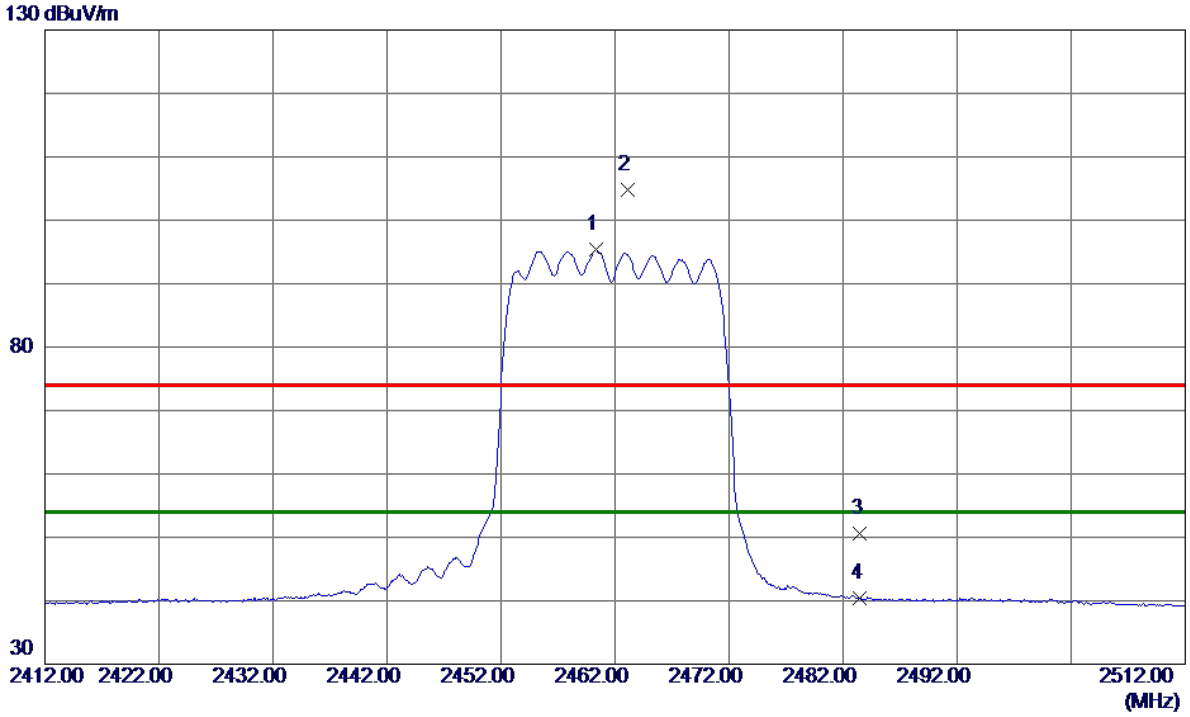
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3282.6570	45.72	3.21	48.93	74.00	-25.07	Peak	
2 *	3282.7150	42.85	3.21	46.06	54.00	-7.94	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2462 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460.3500	85.12	10.21	95.33	54.00	41.33	AVG	No Limit
2	2463.1000	94.54	10.22	104.76	74.00	30.76	Peak	No Limit
3	2483.5000	40.32	10.30	50.62	74.00	-23.38	Peak	
4	2483.5000	30.05	10.30	40.35	54.00	-13.65	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2462 MHz

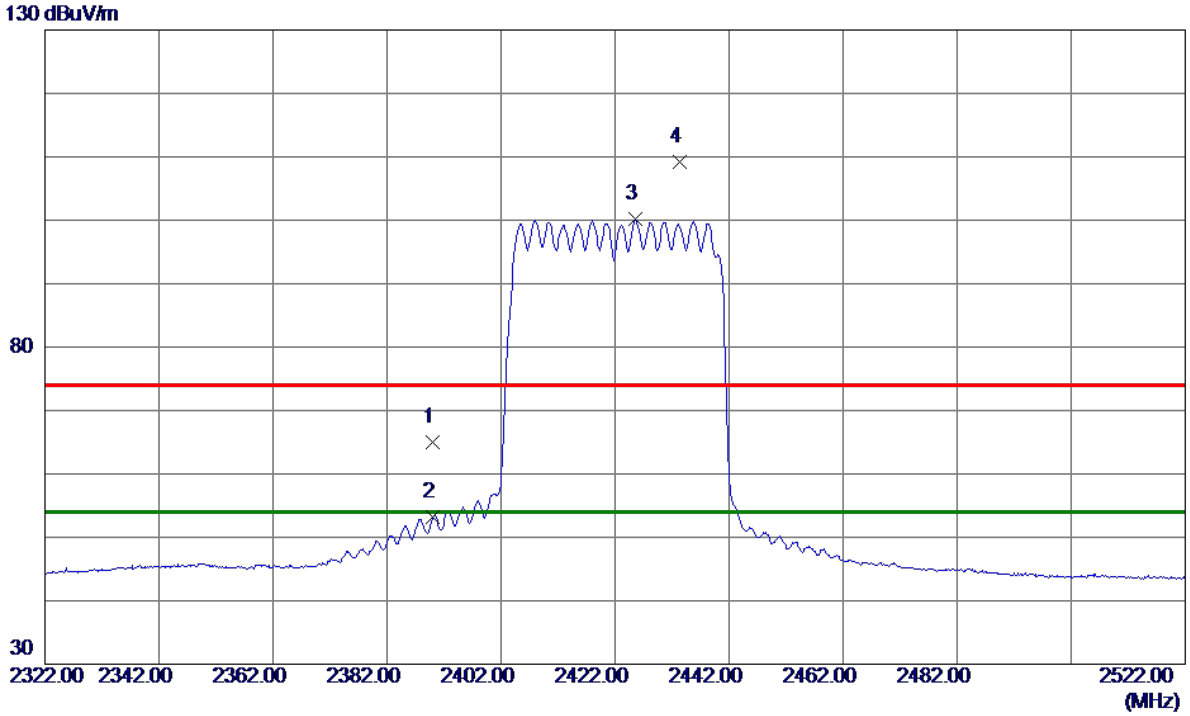
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3282.5300	43.30	3.21	46.51	74.00	-27.49	Peak	
2 *	3282.6800	39.30	3.21	42.51	54.00	-11.49	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2422MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	55.06	9.95	65.01	74.00	-8.99	Peak	
2	2390.0000	43.24	9.95	53.19	54.00	-0.81	AVG	
3 *	2425.6000	90.03	10.08	100.11	54.00	46.11	AVG	No Limit
4	2433.3000	99.00	10.11	109.11	74.00	35.11	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2422MHz

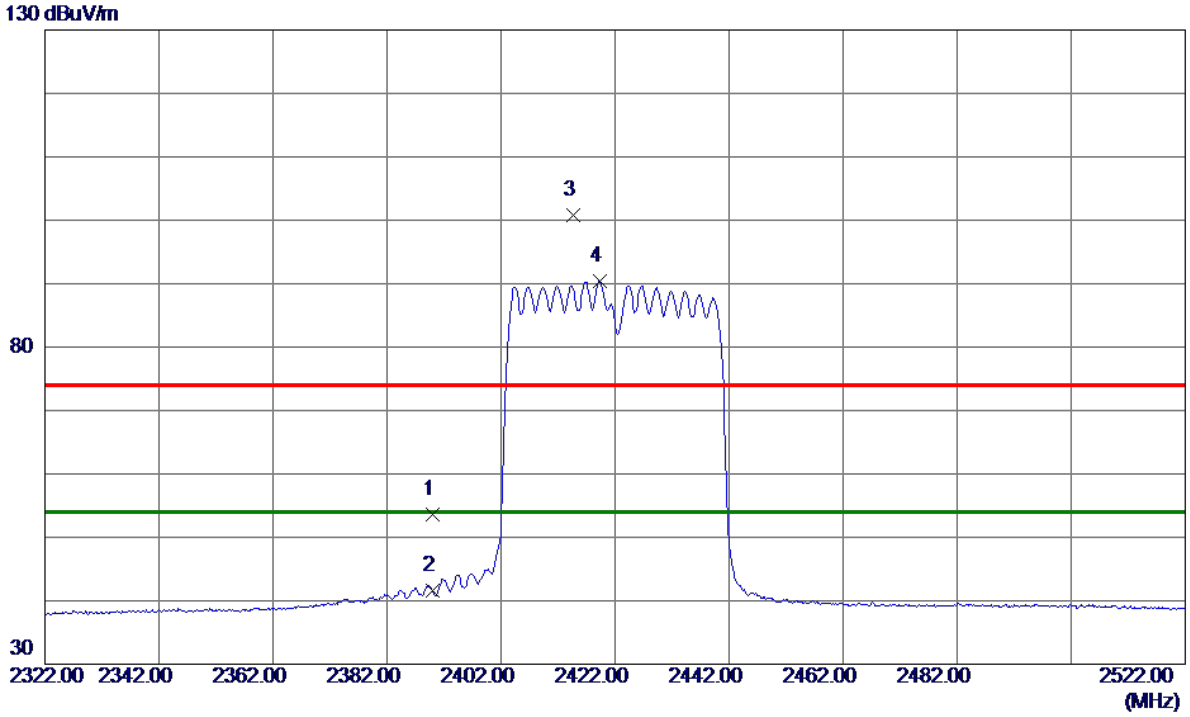
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3229.1399	25.54	3.11	28.65	54.00	-25.35	AVG	
2	3231.3270	38.52	3.12	41.64	74.00	-32.36	Peak	
3 *	3633.1000	40.67	3.76	44.43	54.00	-9.57	AVG	
4	3633.6000	42.19	3.76	45.95	74.00	-28.05	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2422MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	43.63	9.95	53.58	74.00	-20.42	Peak	
2	2390.0000	31.60	9.95	41.55	54.00	-12.45	AVG	
3	2414.7000	90.70	10.04	100.74	74.00	26.74	Peak	No Limit
4 *	2419.3000	80.43	10.06	90.49	54.00	36.49	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2422MHz

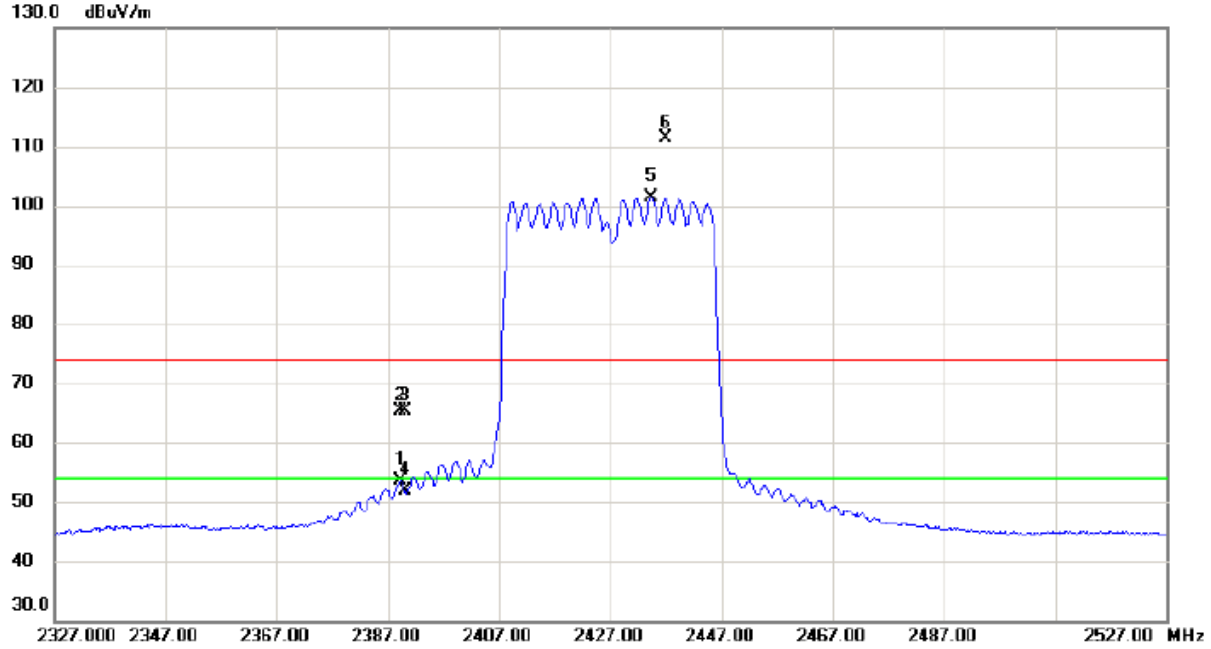
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3229.0370	25.58	3.11	28.69	54.00	-25.31	AVG	
2	3229.9520	38.02	3.11	41.13	74.00	-32.87	Peak	
3 *	3632.8300	38.01	3.76	41.77	54.00	-12.23	AVG	
4	3633.3300	40.37	3.76	44.13	74.00	-29.87	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2427 MHz

Vertical

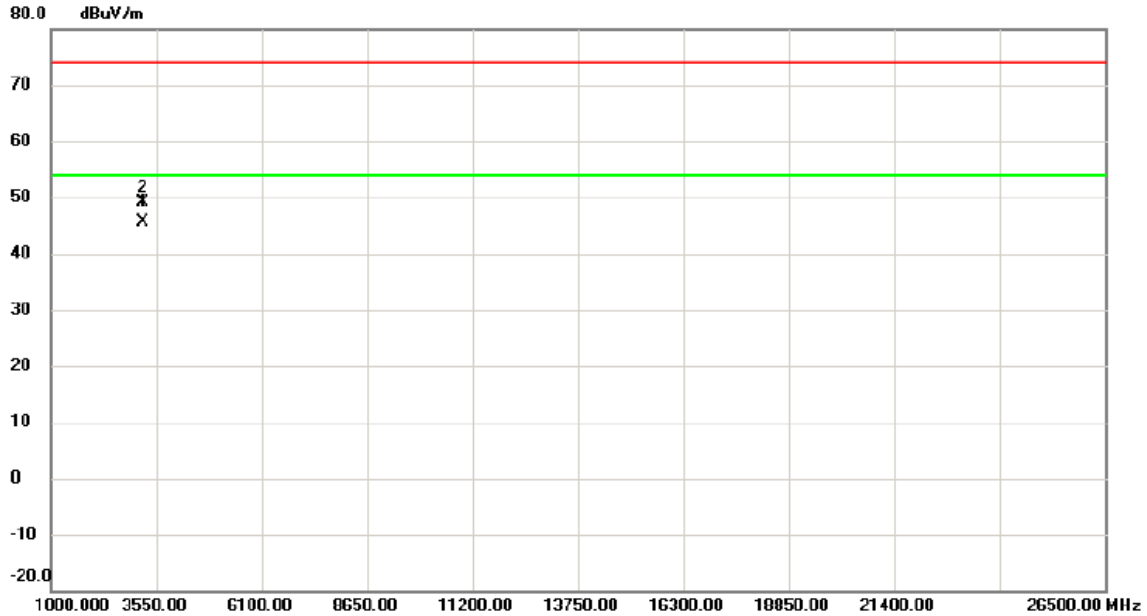


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.300	43.64	9.95	53.59	54.00	-0.41	AVG	
2		2389.330	55.53	9.95	65.48	74.00	-8.52	peak	
3		2390.000	55.50	9.95	65.45	74.00	-8.55	peak	
4		2390.000	41.92	9.95	51.87	54.00	-2.13	AVG	
5	*	2434.300	91.22	10.11	101.33	54.00	47.33	AVG	No Limit
6	X	2437.100	101.18	10.12	111.30	74.00	37.30	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2427 MHz

Vertical

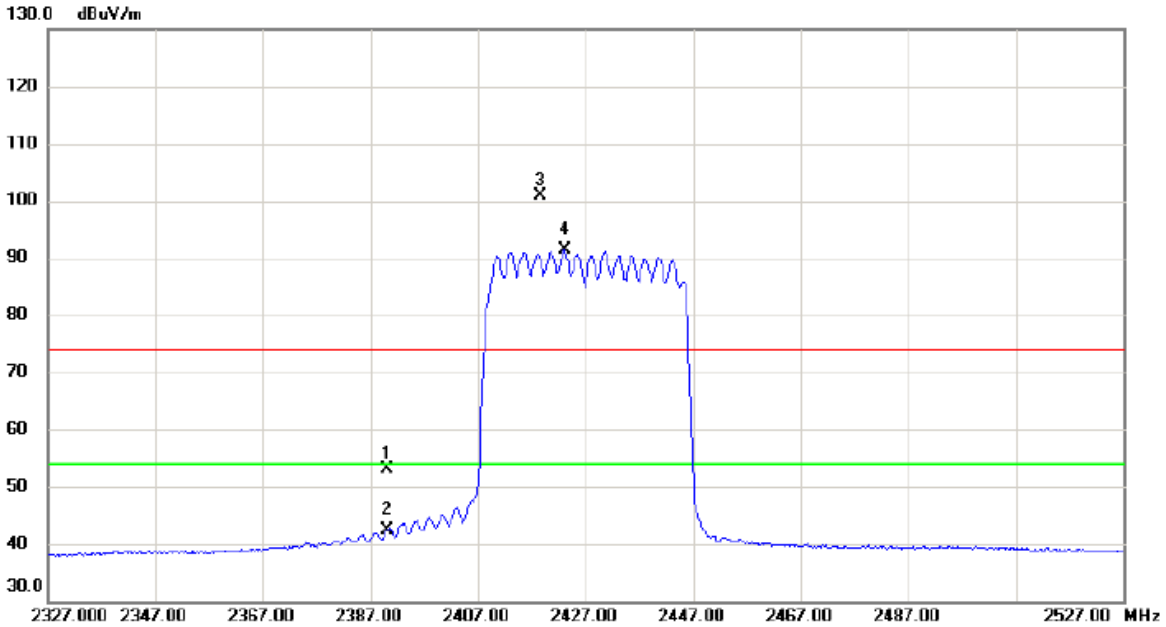


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3236.045	42.43	3.12	45.55	54.00	-8.45	AVG	
2		3236.105	46.12	3.12	49.24	74.00	-24.76	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2427 MHz

Horizontal

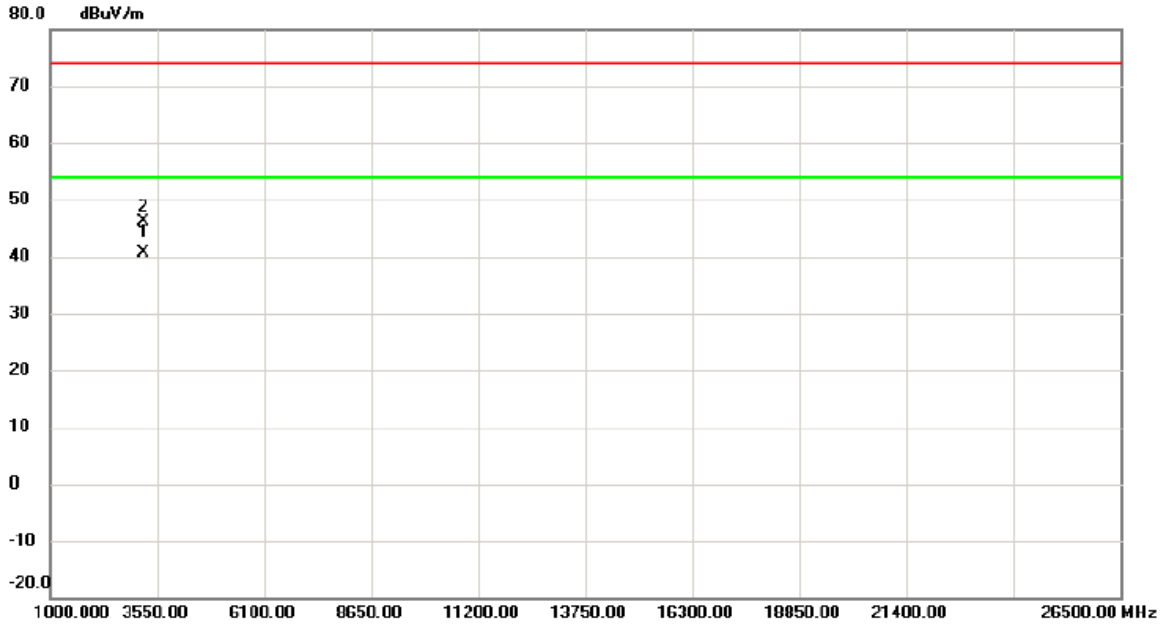


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	43.12	9.95	53.07	74.00	-20.93	peak	
2		2390.000	32.49	9.95	42.44	54.00	-11.56	AVG	
3	X	2418.600	90.77	10.06	100.83	74.00	26.83	peak	No Limit
4	*	2423.000	81.39	10.07	91.46	54.00	37.46	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2427 MHz

Horizontal

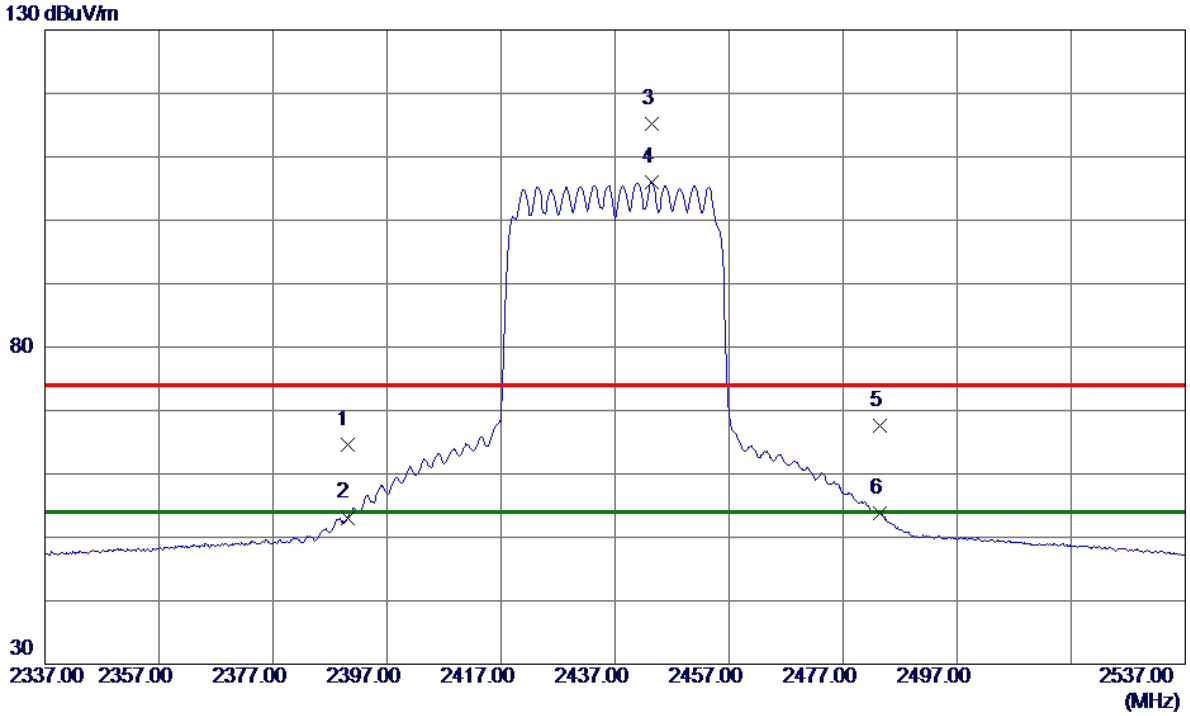


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3236.020	37.54	3.12	40.66	54.00	-13.34	AVG	
2		3236.032	42.93	3.12	46.05	74.00	-27.95	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.64	9.95	64.59	74.00	-9.41	Peak	
2	2390.0000	43.15	9.95	53.10	54.00	-0.90	AVG	
3	2443.4000	105.04	10.15	115.19	74.00	41.19	Peak	No Limit
4 *	2443.4000	95.80	10.15	105.95	54.00	51.95	AVG	No Limit
5	2483.5000	57.36	10.30	67.66	74.00	-6.34	Peak	
6	2483.5000	43.57	10.30	53.87	54.00	-0.13	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2437 MHz

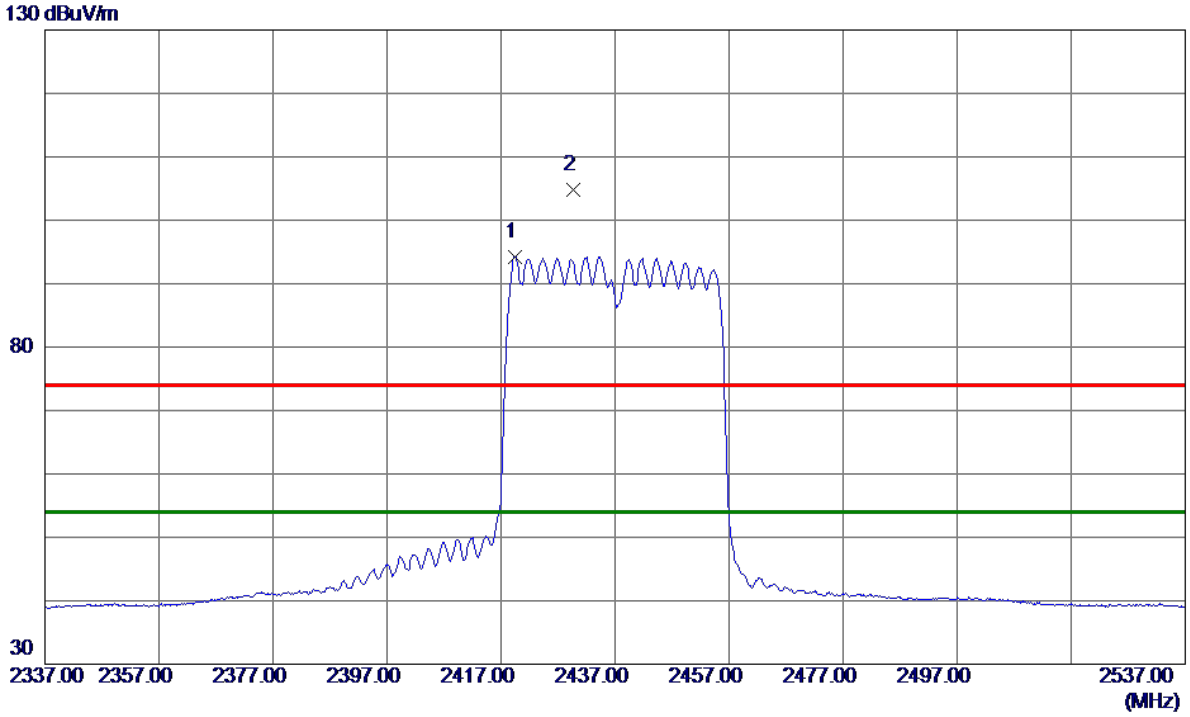
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3249.9680	25.26	3.15	28.41	54.00	-25.59	AVG	
2	3251.3550	38.19	3.15	41.34	74.00	-32.66	Peak	
3 *	3655.3300	38.97	3.79	42.76	54.00	-11.24	AVG	
4	3655.8300	41.91	3.79	45.70	74.00	-28.30	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2419.4000	84.19	10.06	94.25	54.00	40.25	AVG	No Limit
2	2429.7000	94.76	10.10	104.86	74.00	30.86	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2437 MHz

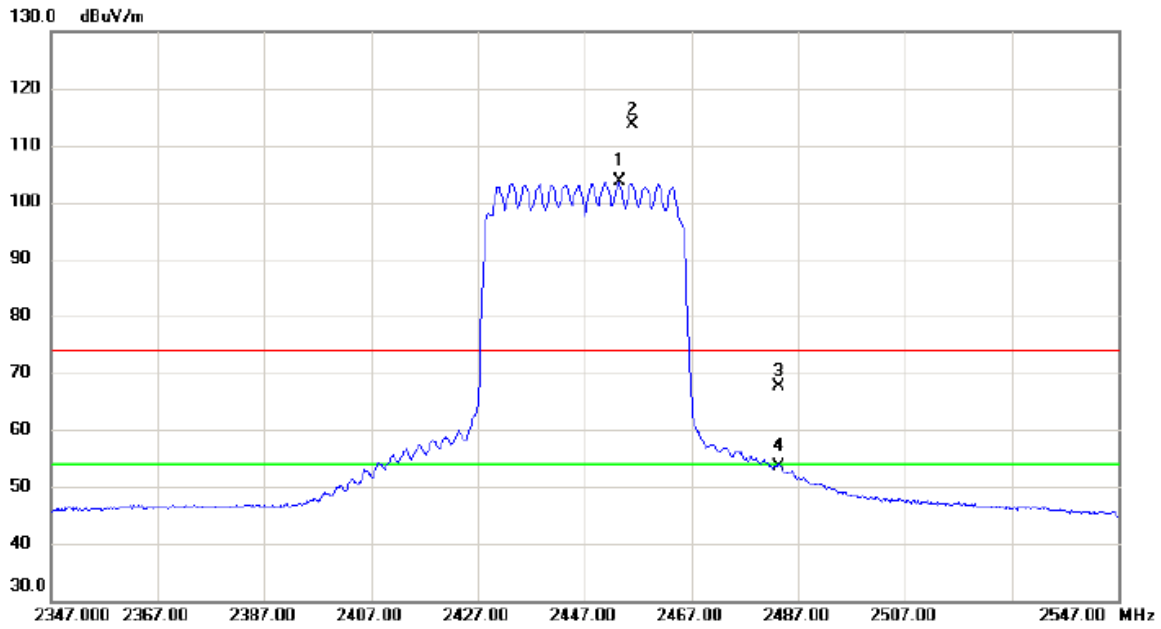
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3247.9430	25.14	3.15	28.29	54.00	-25.71	AVG	
2	3250.2549	37.64	3.15	40.79	74.00	-33.21	Peak	
3 *	3655.3300	37.48	3.79	41.27	54.00	-12.73	AVG	
4	3655.8300	40.48	3.79	44.27	74.00	-29.73	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2447 MHz

Vertical

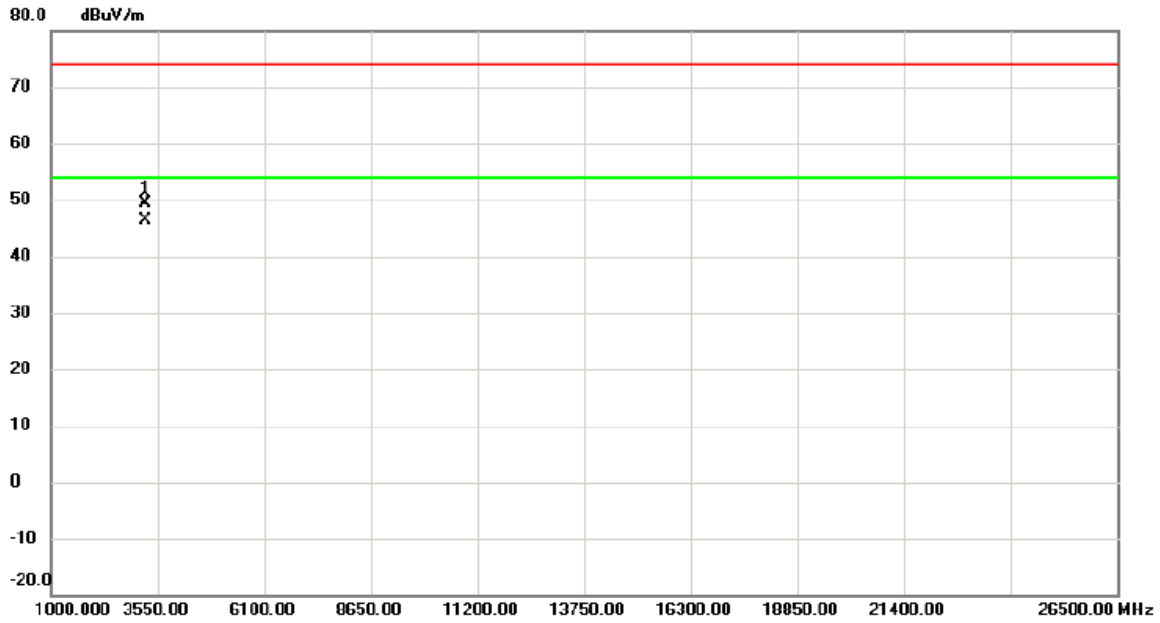


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2453.400	93.40	10.19	103.59	54.00	49.59	AVG	No Limit
2	X	2455.800	103.41	10.19	113.60	74.00	39.60	peak	No Limit
3		2483.500	57.35	10.29	67.64	74.00	-6.36	peak	
4		2483.500	43.45	10.29	53.74	54.00	-0.26	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2447 MHz

Vertical

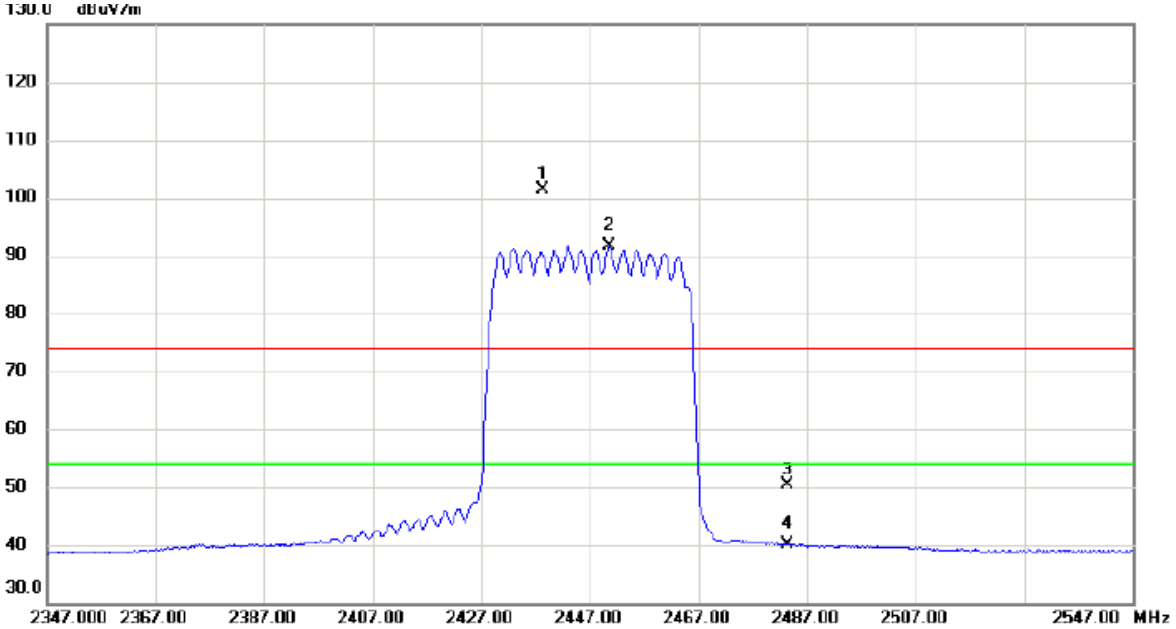


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3262.675	46.28	3.18	49.46	74.00	-24.54	peak	
2	*	3262.705	43.29	3.18	46.47	54.00	-7.53	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2447 MHz

Horizontal

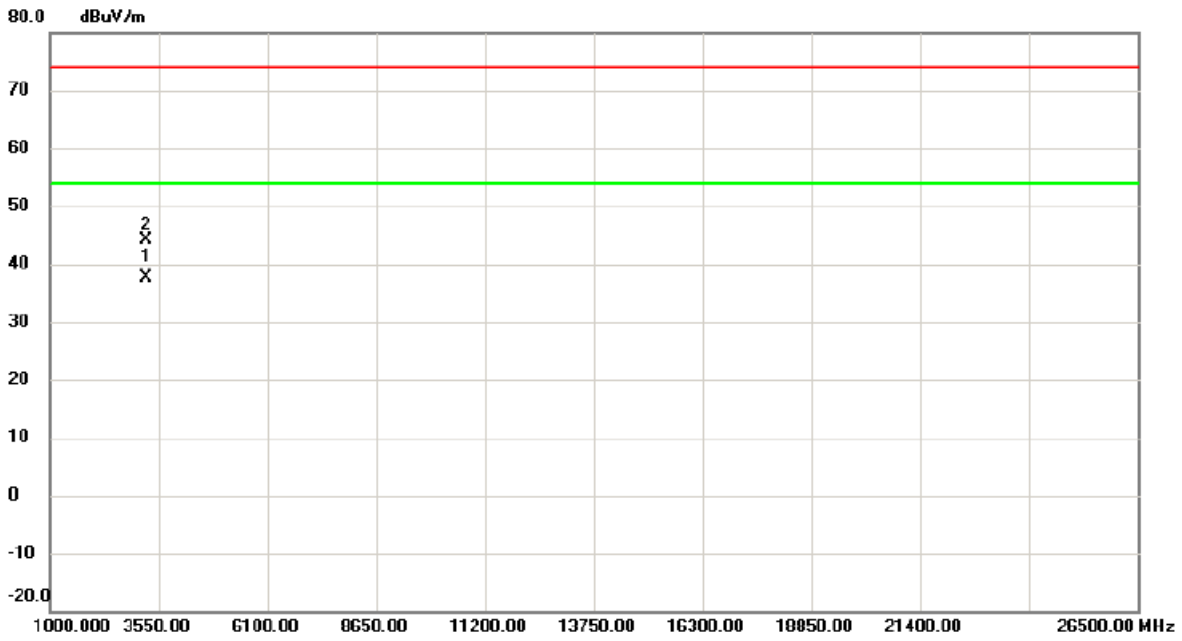


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2438.300	91.20	10.13	101.33	74.00	27.33	peak	No Limit
2	*	2450.500	81.39	10.17	91.56	54.00	37.56	AVG	No Limit
3		2483.500	40.09	10.29	50.38	74.00	-23.62	peak	
4		2483.500	29.87	10.29	40.16	54.00	-13.84	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2447 MHz

Horizontal

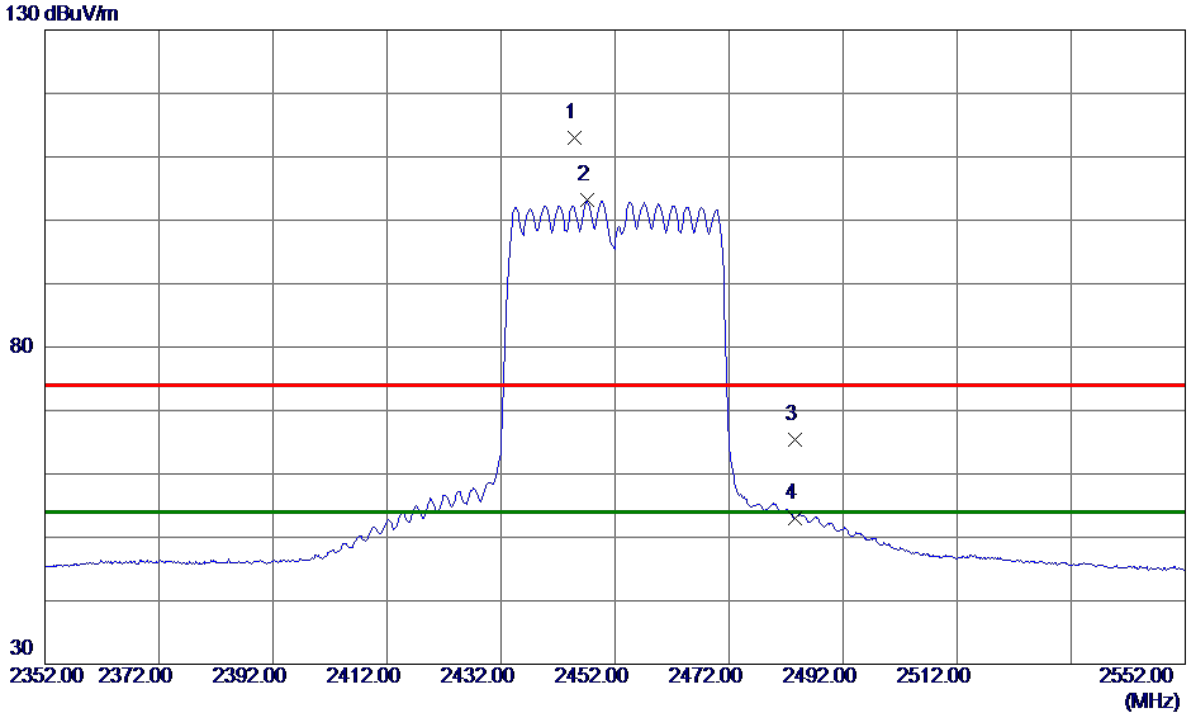


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3262.750	34.43	3.18	37.61	54.00	-16.39	AVG	
2		3262.770	41.02	3.18	44.20	74.00	-29.80	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2452 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2444.8000	102.83	10.15	112.98	74.00	38.98	Peak	No Limit
2 *	2447.1000	93.00	10.16	103.16	54.00	49.16	AVG	No Limit
3	2483.5000	55.07	10.30	65.37	74.00	-8.63	Peak	
4	2483.5000	42.74	10.30	53.04	54.00	-0.96	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2452 MHz

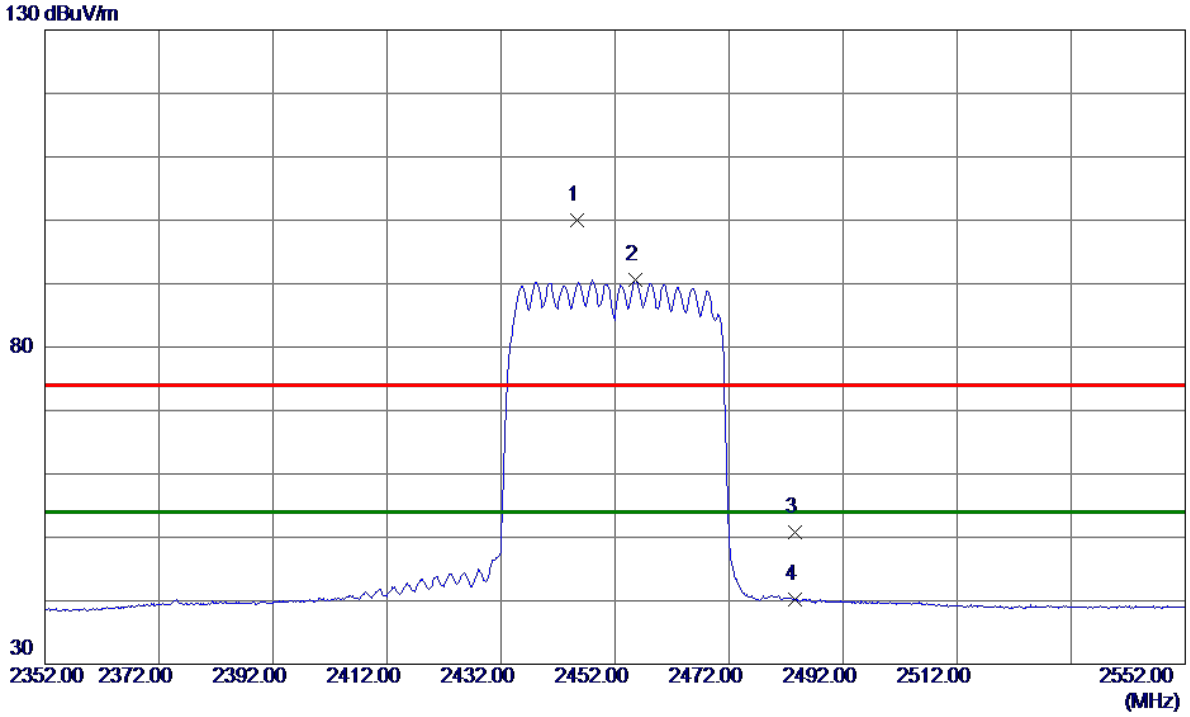
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3269.3400	43.14	3.18	46.32	54.00	-7.68	AVG	
2	3269.3750	46.15	3.18	49.33	74.00	-24.67	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2452 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2445.3000	89.77	10.15	99.92	74.00	25.92	Peak	No Limit
2 *	2455.5000	80.46	10.19	90.65	54.00	36.65	AVG	No Limit
3	2483.5000	40.50	10.30	50.80	74.00	-23.20	Peak	
4	2483.5000	29.93	10.30	40.23	54.00	-13.77	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-40M Mode 2452 MHz

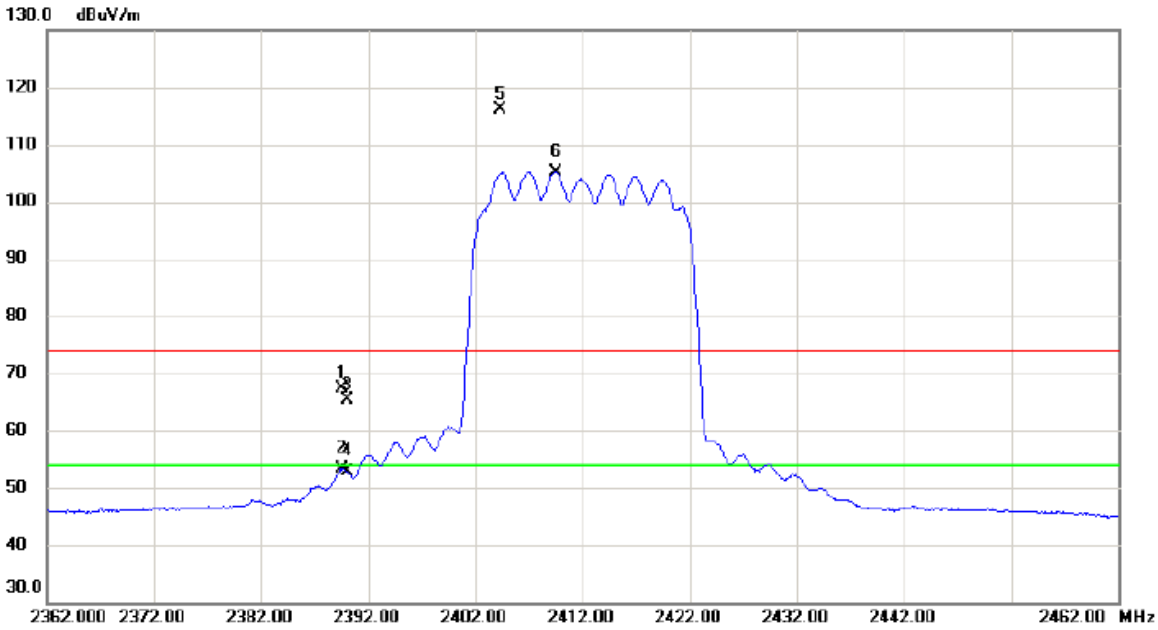
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3269.3700	42.38	3.18	45.56	74.00	-28.44	Peak	
2 *	3269.4200	36.13	3.18	39.31	54.00	-14.69	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2412 MHz

Vertical

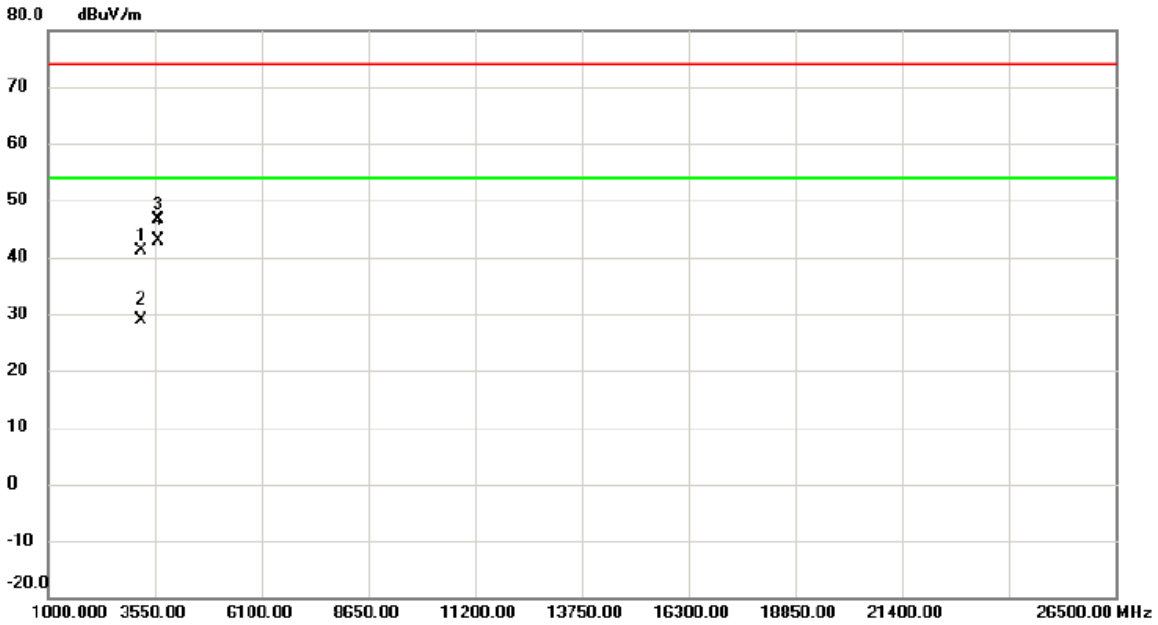


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.600	57.32	9.95	67.27	74.00	-6.73	peak	
2		2389.600	43.33	9.95	53.28	54.00	-0.72	AVG	
3		2390.000	55.38	9.95	65.33	74.00	-8.67	peak	
4		2390.000	42.84	9.95	52.79	54.00	-1.21	AVG	
5	X	2404.300	106.12	10.00	116.12	74.00	42.12	peak	No Limit
6	*	2409.500	95.15	10.02	105.17	54.00	51.17	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2412 MHz

Vertical

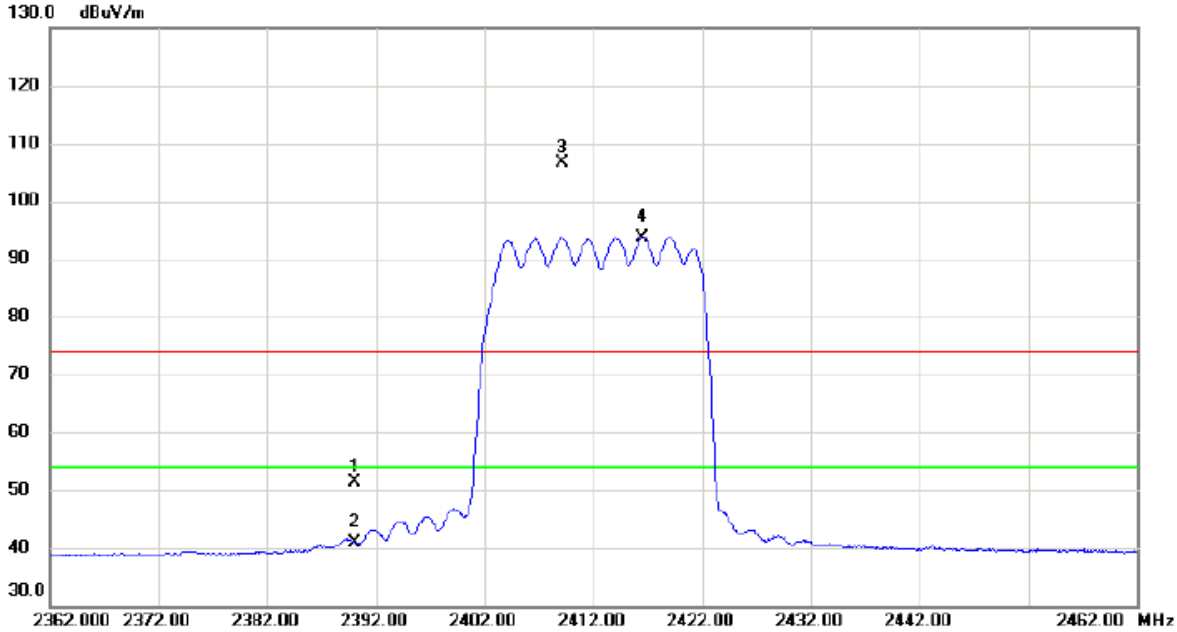


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3215.305	38.09	3.09	41.18	74.00	-32.82	peak	
2		3215.972	25.79	3.09	28.88	54.00	-25.12	AVG	
3		3618.000	42.99	3.75	46.74	74.00	-27.26	peak	
4	*	3618.000	39.21	3.75	42.96	54.00	-11.04	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2412 MHz

Horizontal

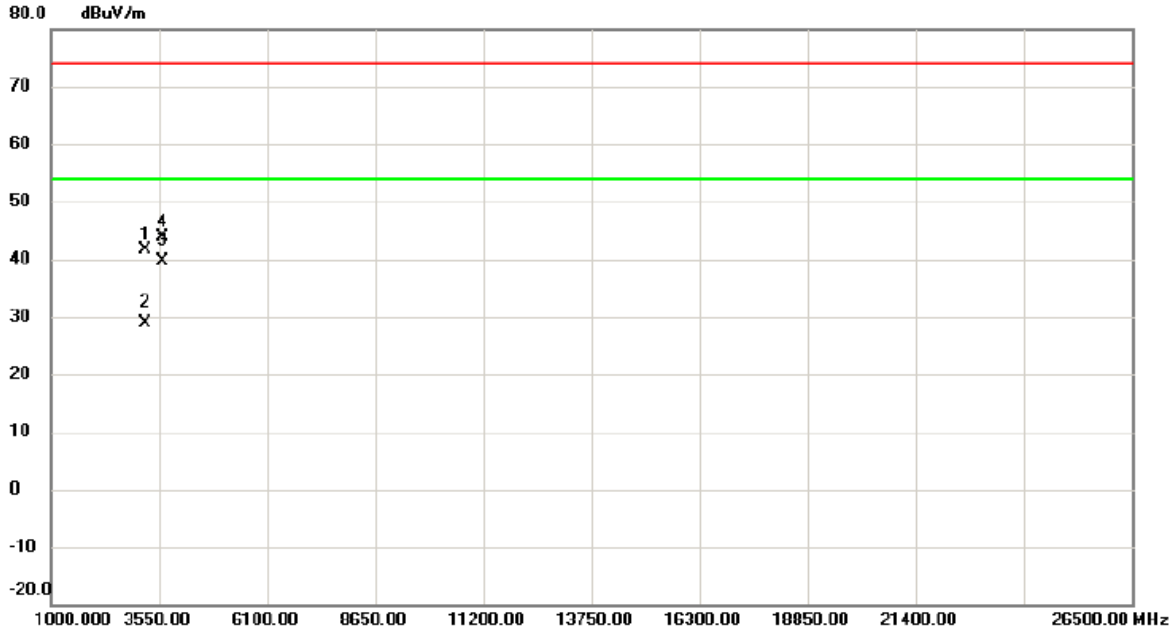


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	41.41	9.95	51.36	74.00	-22.64	peak	
2		2390.000	31.04	9.95	40.99	54.00	-13.01	AVG	
3	X	2409.100	96.64	10.01	106.65	74.00	32.65	peak	No Limit
4	*	2416.500	83.69	10.05	93.74	54.00	39.74	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2412 MHz

Horizontal

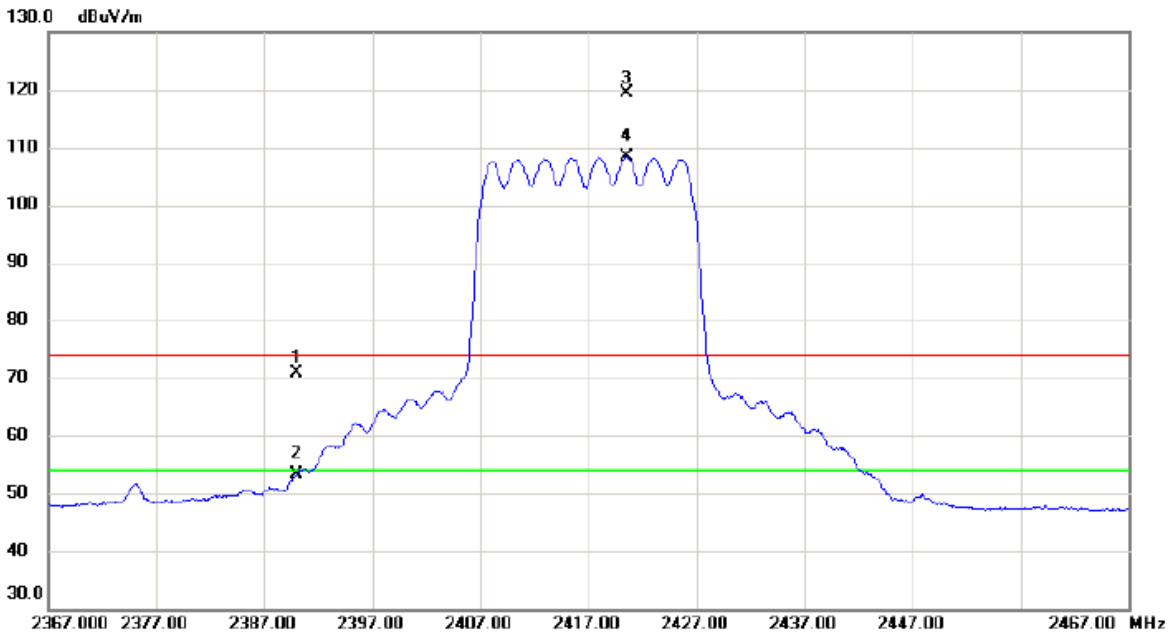


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3217.395	38.51	3.09	41.60	74.00	-32.40	peak	
2		3218.425	25.82	3.10	28.92	54.00	-25.08	AVG	
3	*	3618.000	35.97	3.75	39.72	54.00	-14.28	AVG	
4		3618.500	40.13	3.75	43.88	74.00	-30.12	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2417 MHz

Vertical

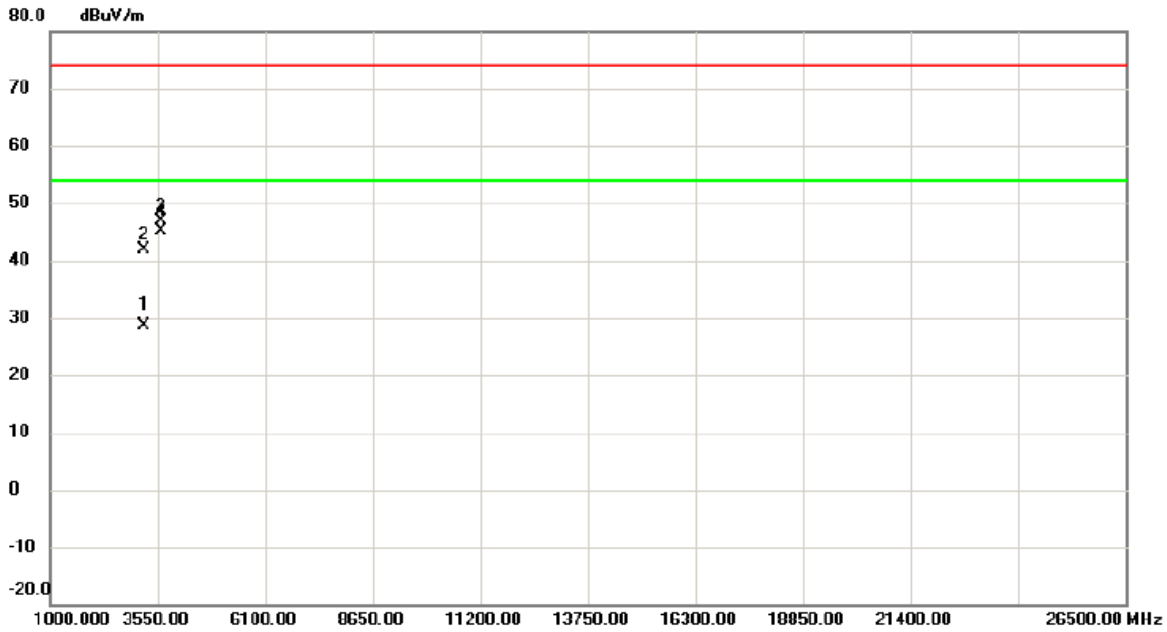


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	60.97	9.95	70.92	74.00	-3.08	peak	
2		2390.000	43.51	9.95	53.46	54.00	-0.54	AVG	
3	X	2420.550	109.39	10.07	119.46	74.00	45.46	peak	No Limit
4	*	2420.550	98.38	10.07	108.45	54.00	54.45	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2417 MHz

Vertical

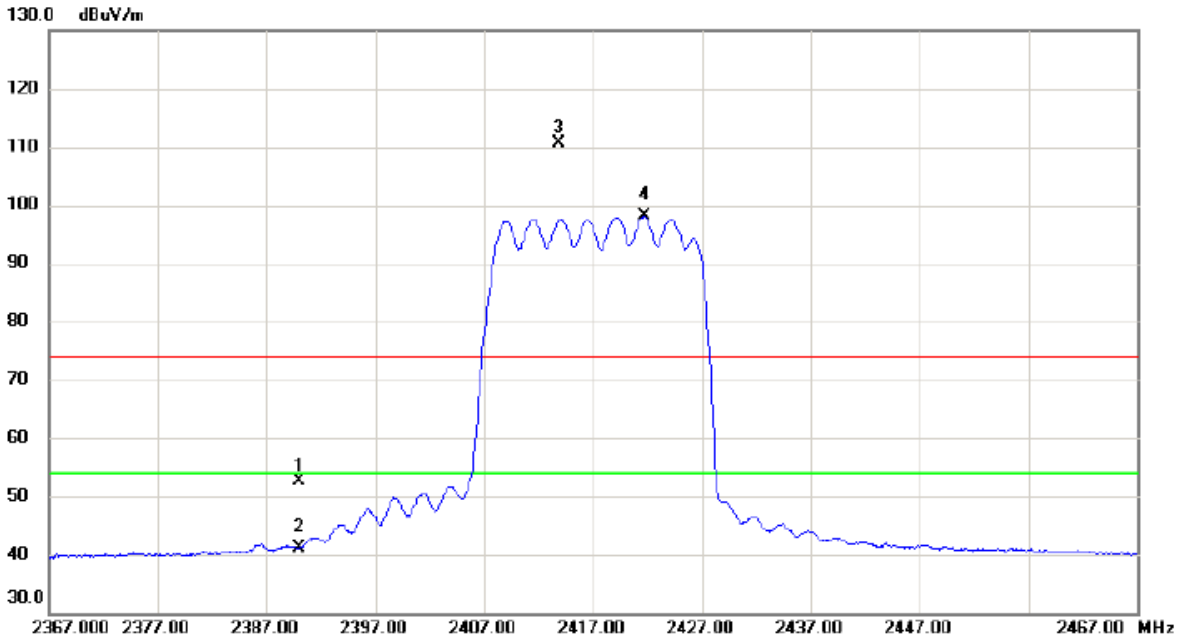


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.545	25.60	3.10	28.70	54.00	-25.30	AVG	
2		3224.938	38.66	3.10	41.76	74.00	-32.24	peak	
3		3625.670	43.08	3.76	46.84	74.00	-27.16	peak	
4	*	3625.670	41.36	3.76	45.12	54.00	-8.88	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2417 MHz

Horizontal

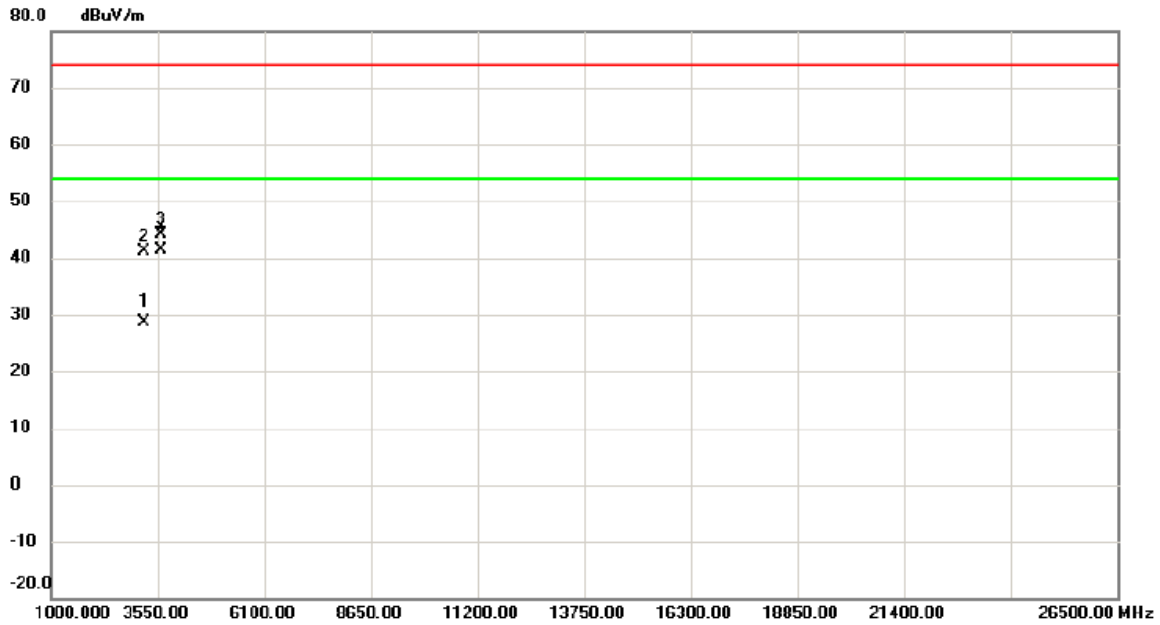


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	42.60	9.95	52.55	74.00	-21.45	peak	
2		2390.000	31.14	9.95	41.09	54.00	-12.91	AVG	
3	X	2413.800	100.57	10.04	110.61	74.00	36.61	peak	No Limit
4	*	2421.700	88.05	10.07	98.12	54.00	44.12	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2417 MHz

Horizontal

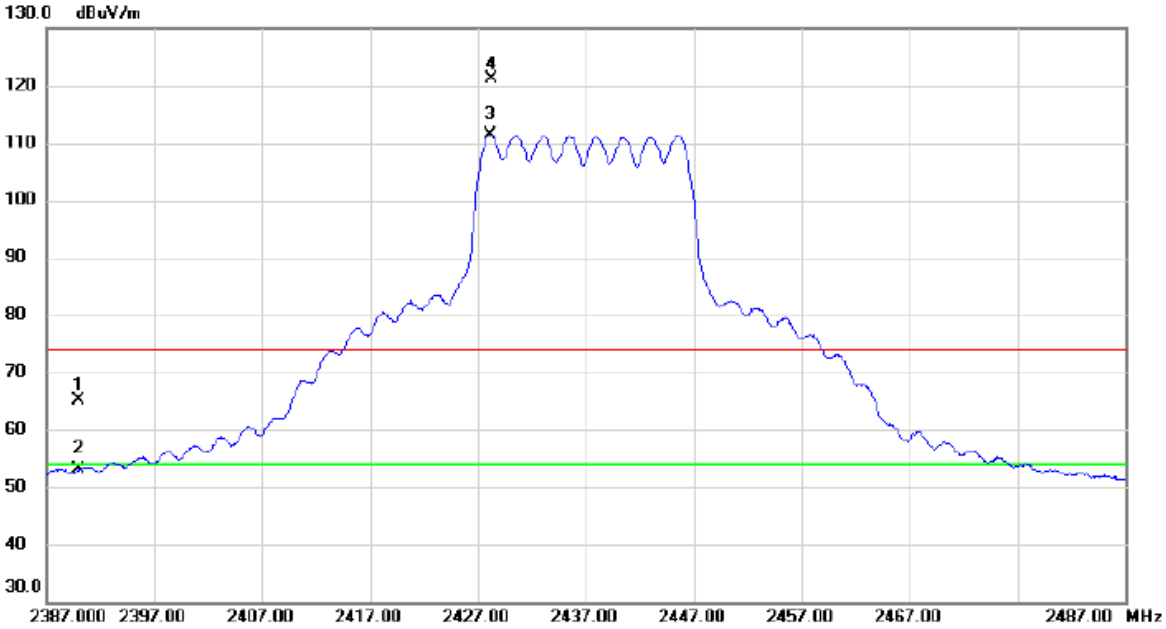


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.173	25.57	3.10	28.67	54.00	-25.33	AVG	
2		3220.190	37.96	3.10	41.06	74.00	-32.94	peak	
3		3625.500	40.37	3.76	44.13	74.00	-29.87	peak	
4	*	3625.500	37.65	3.76	41.41	54.00	-12.59	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2437 MHz

Vertical

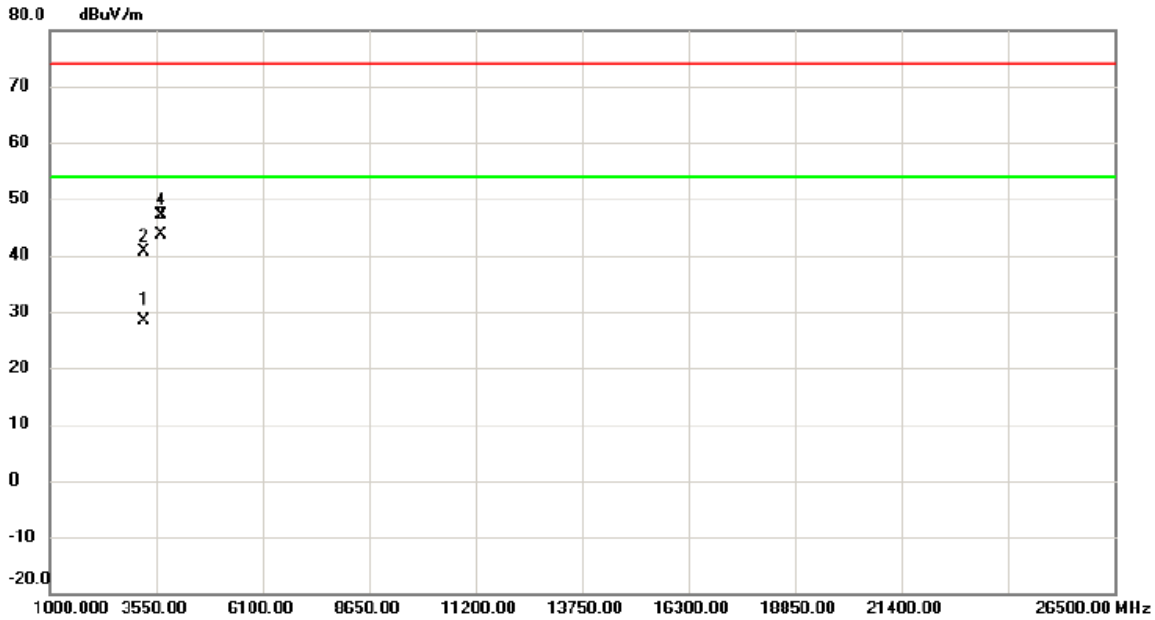


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	55.27	9.95	65.22	74.00	-8.78	peak	
2		2390.000	43.10	9.95	53.05	54.00	-0.95	AVG	
3	*	2428.200	101.41	10.09	111.50	54.00	57.50	AVG	No Limit
4	X	2428.300	111.05	10.09	121.14	74.00	47.14	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2437 MHz

Vertical

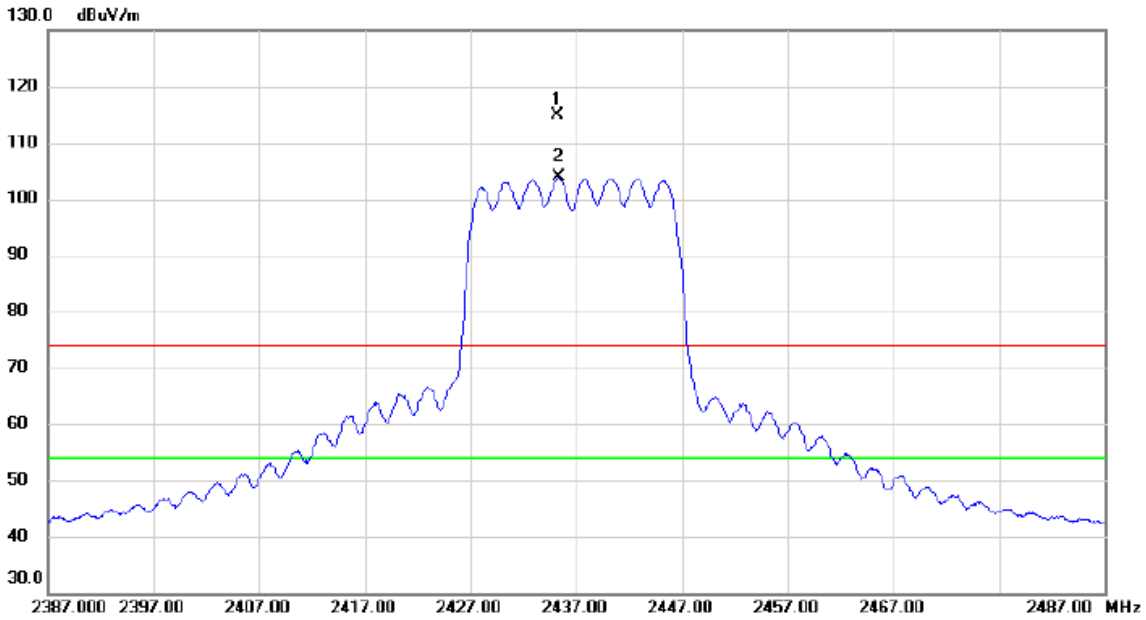


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3249.827	25.18	3.15	28.33	54.00	-25.67	AVG	
2		3250.247	37.38	3.15	40.53	74.00	-33.47	peak	
3	*	3655.330	39.73	3.80	43.53	54.00	-10.47	AVG	
4		3655.830	43.37	3.80	47.17	74.00	-26.83	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2437 MHz

Horizontal

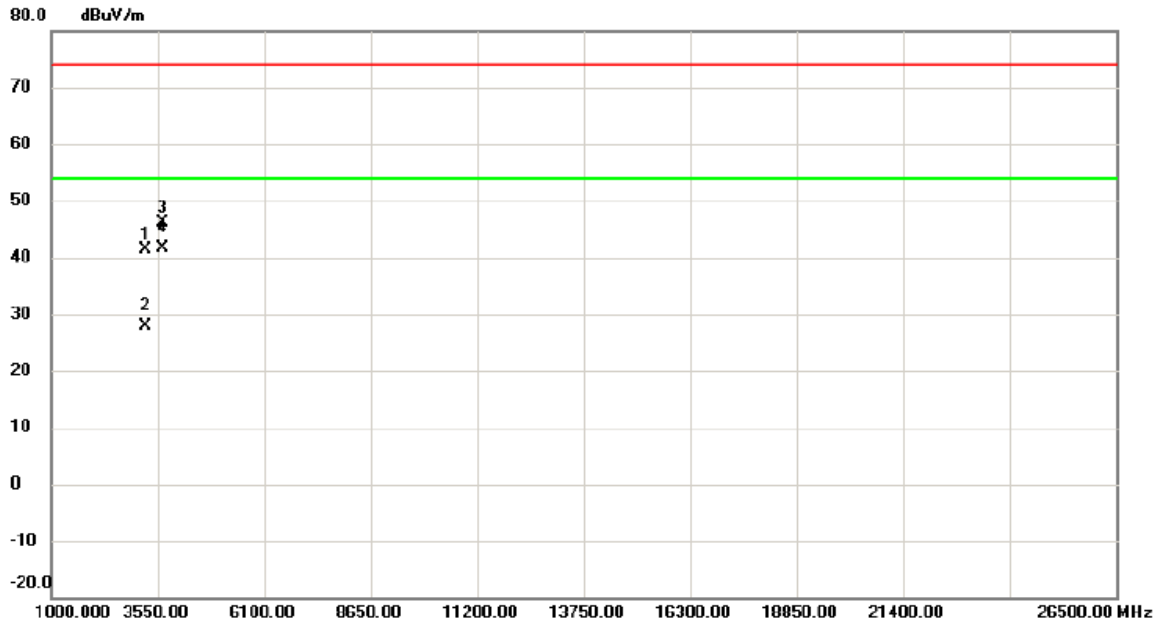


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.250	104.83	10.11	114.94	74.00	40.94	peak	No Limit
2	*	2435.350	93.65	10.12	103.77	54.00	49.77	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2437 MHz

Horizontal

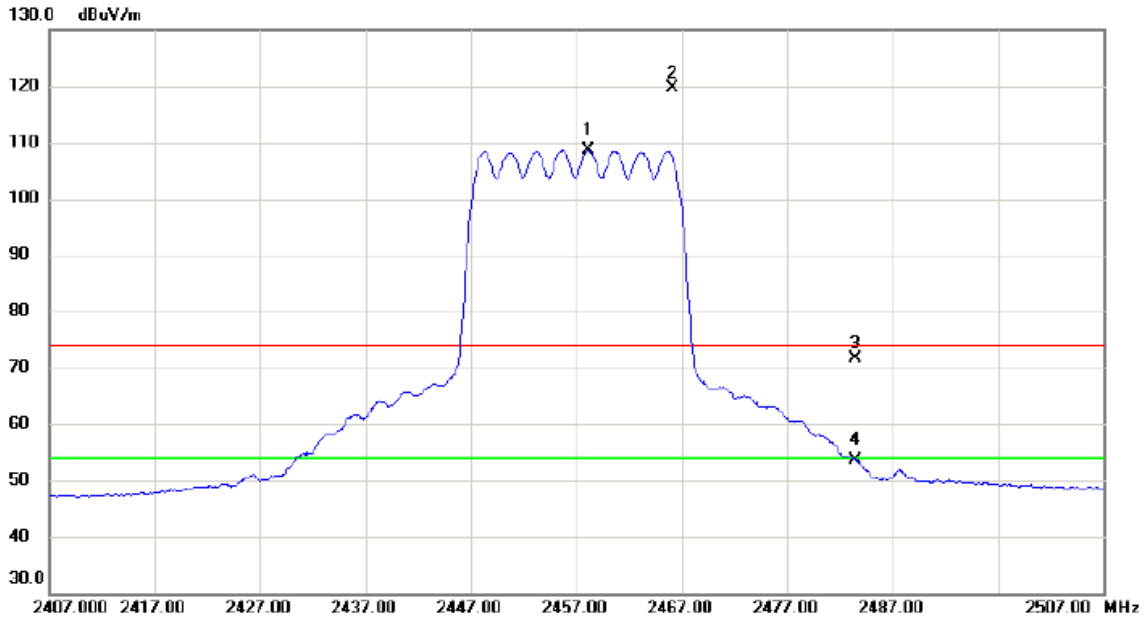


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3248.135	38.14	3.15	41.29	74.00	-32.71	peak	
2		3250.685	24.71	3.15	27.86	54.00	-26.14	AVG	
3		3655.330	42.33	3.80	46.13	74.00	-27.87	peak	
4	*	3655.330	37.92	3.80	41.72	54.00	-12.28	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2457 MHz

Vertical

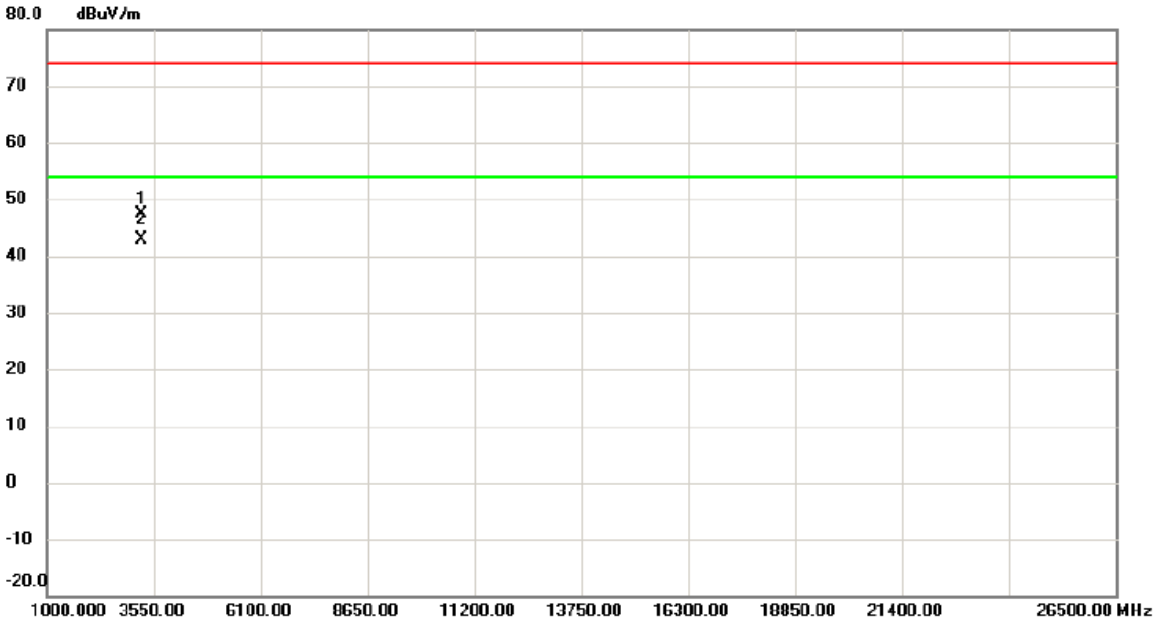


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2458.200	98.38	10.20	108.58	54.00	54.58	AVG	No Limit
2	X	2466.100	109.46	10.24	119.70	74.00	45.70	peak	No Limit
3		2483.500	61.43	10.29	71.72	74.00	-2.28	peak	
4		2483.500	43.44	10.29	53.73	54.00	-0.27	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2457 MHz

Vertical

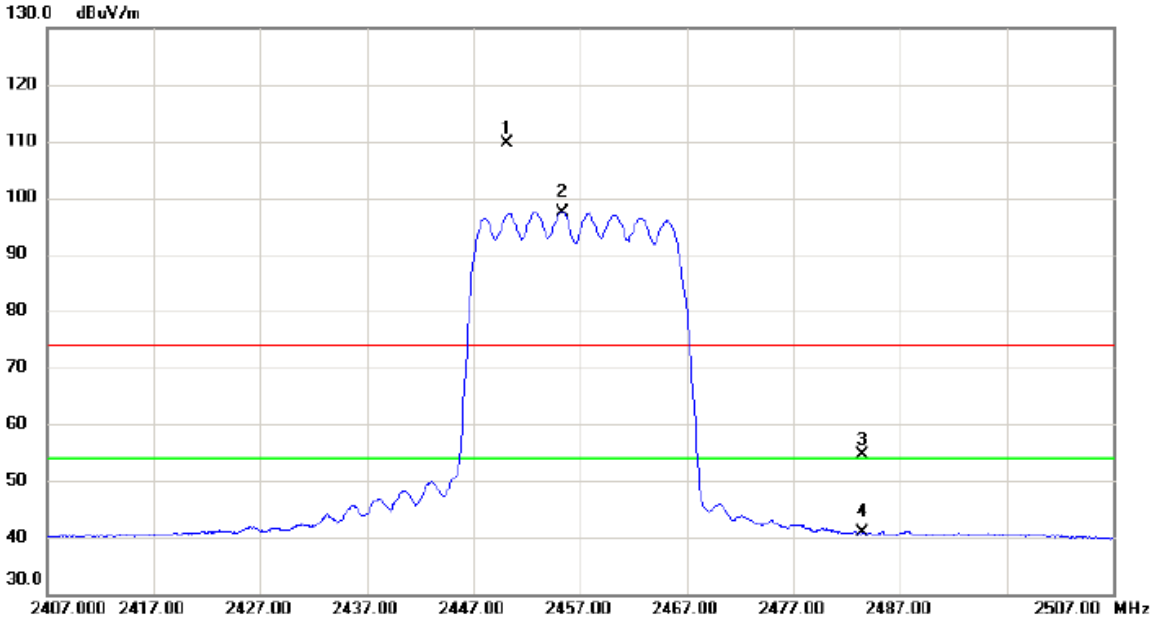


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3276.000	44.12	3.20	47.32	74.00	-26.68	peak	
2	*	3276.025	39.75	3.20	42.95	54.00	-11.05	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2457 MHz

Horizontal

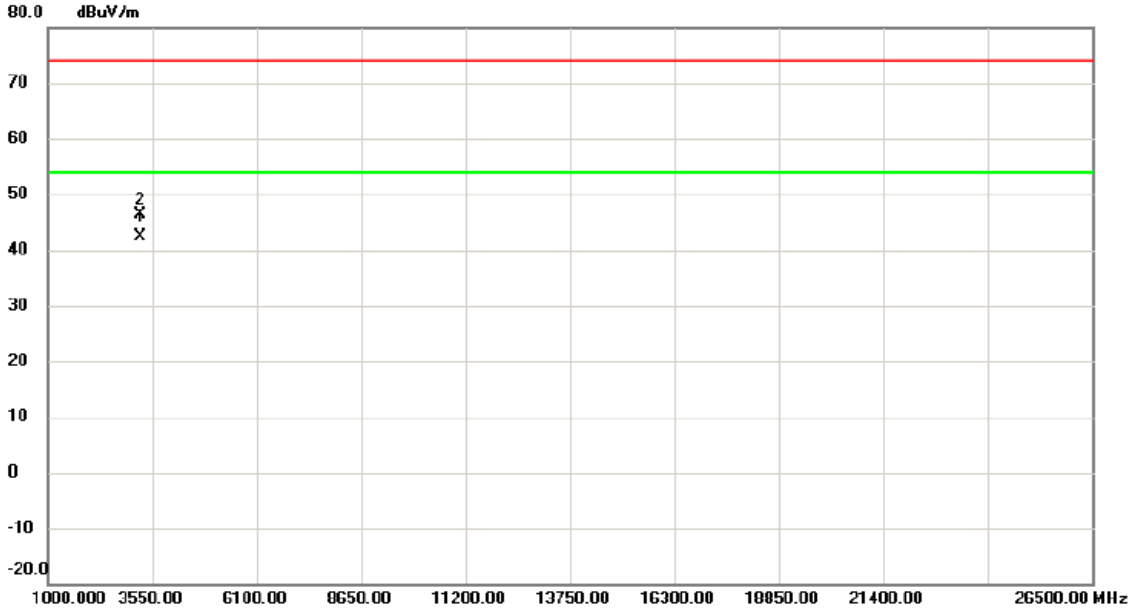


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2450.100	99.44	10.17	109.61	74.00	35.61	peak	No Limit
2	*	2455.300	87.30	10.19	97.49	54.00	43.49	AVG	No Limit
3		2483.500	44.34	10.29	54.63	74.00	-19.37	peak	
4		2483.500	30.55	10.29	40.84	54.00	-13.16	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2457 MHz

Horizontal

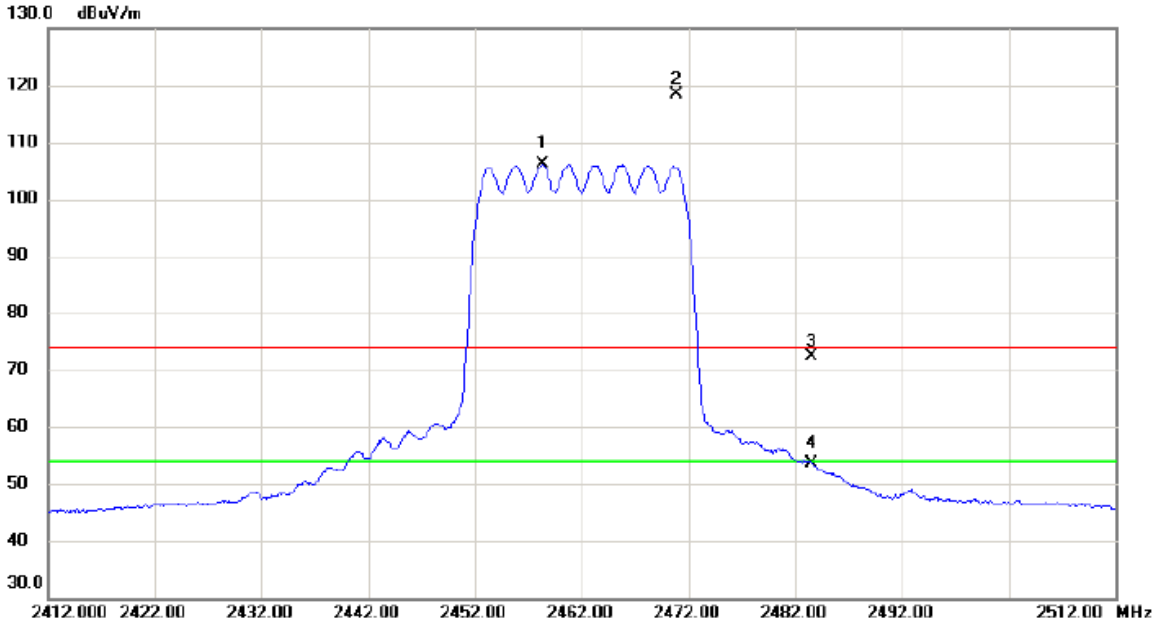


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3276.060	39.18	3.20	42.38	54.00	-11.62	AVG	
2		3276.142	43.27	3.20	46.47	74.00	-27.53	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2462 MHz

Vertical

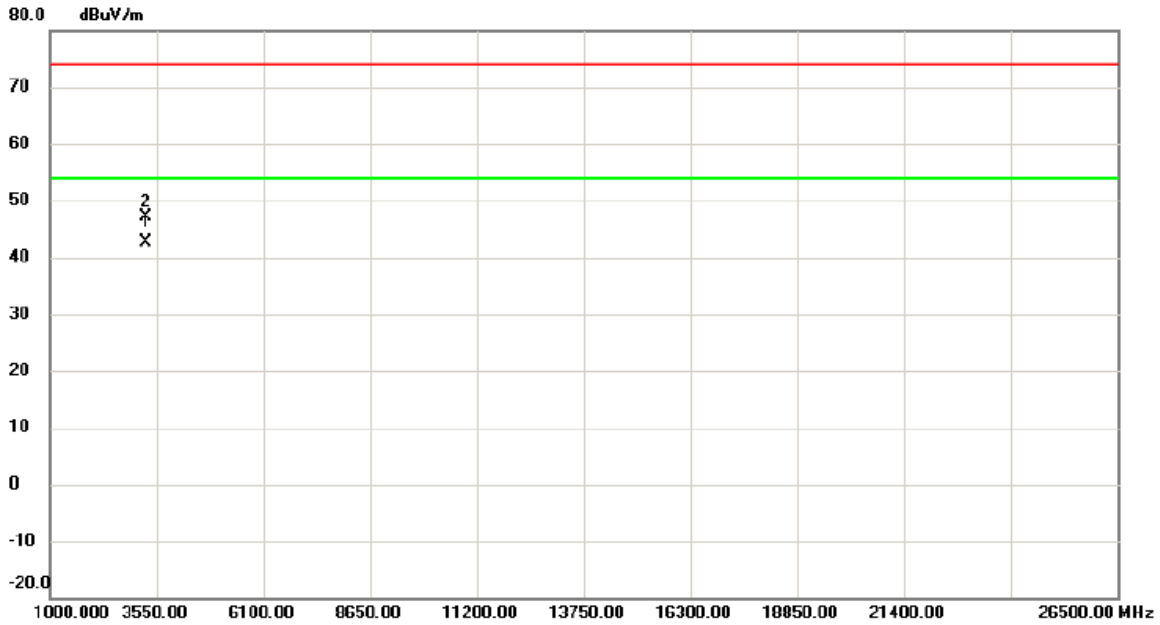


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2458.350	96.04	10.20	106.24	54.00	52.24	AVG	No Limit
2	X	2470.850	108.01	10.26	118.27	74.00	44.27	peak	No Limit
3		2483.500	62.18	10.29	72.47	74.00	-1.53	peak	
4		2483.500	43.31	10.29	53.60	54.00	-0.40	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2462 MHz

Vertical

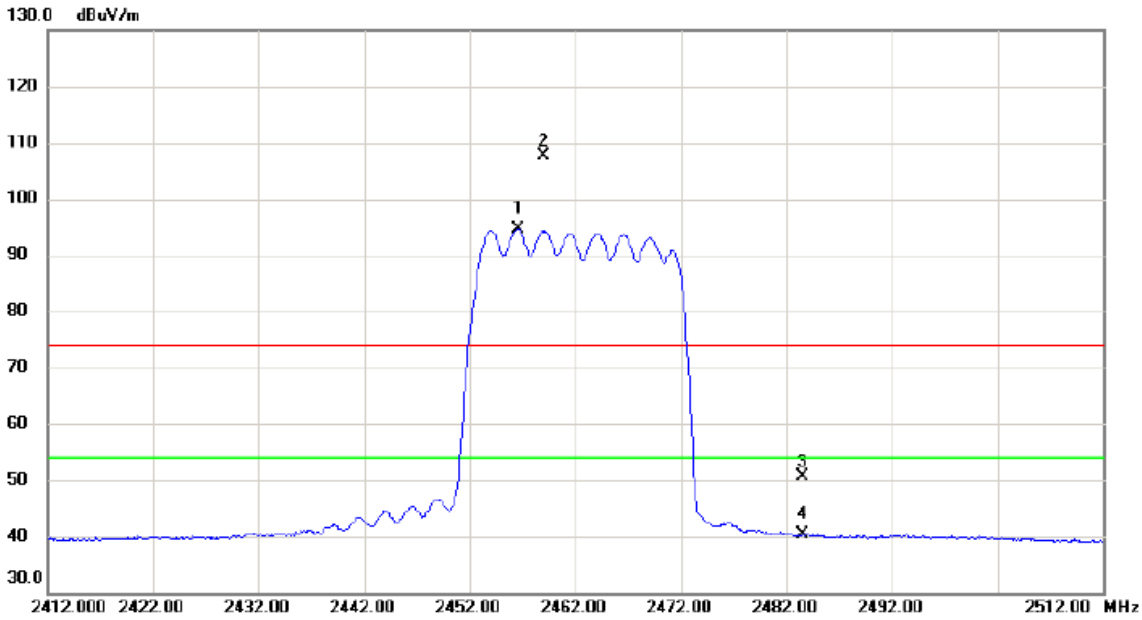


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3282.730	39.31	3.21	42.52	54.00	-11.48	AVG	
2		3282.830	43.95	3.21	47.16	74.00	-26.84	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2462 MHz

Horizontal

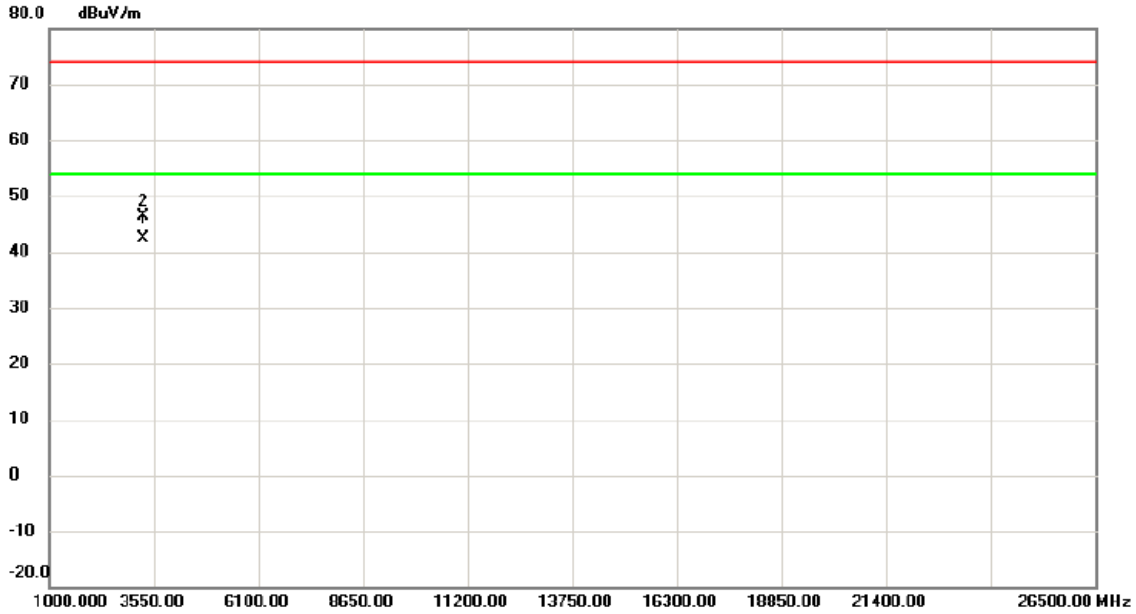


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2456.550	84.44	10.19	94.63	54.00	40.63	AVG	No Limit
2	X	2459.000	97.43	10.20	107.63	74.00	33.63	peak	No Limit
3		2483.500	40.22	10.29	50.51	74.00	-23.49	peak	
4		2483.500	29.99	10.29	40.28	54.00	-13.72	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-20M Mode 2462 MHz

Horizontal

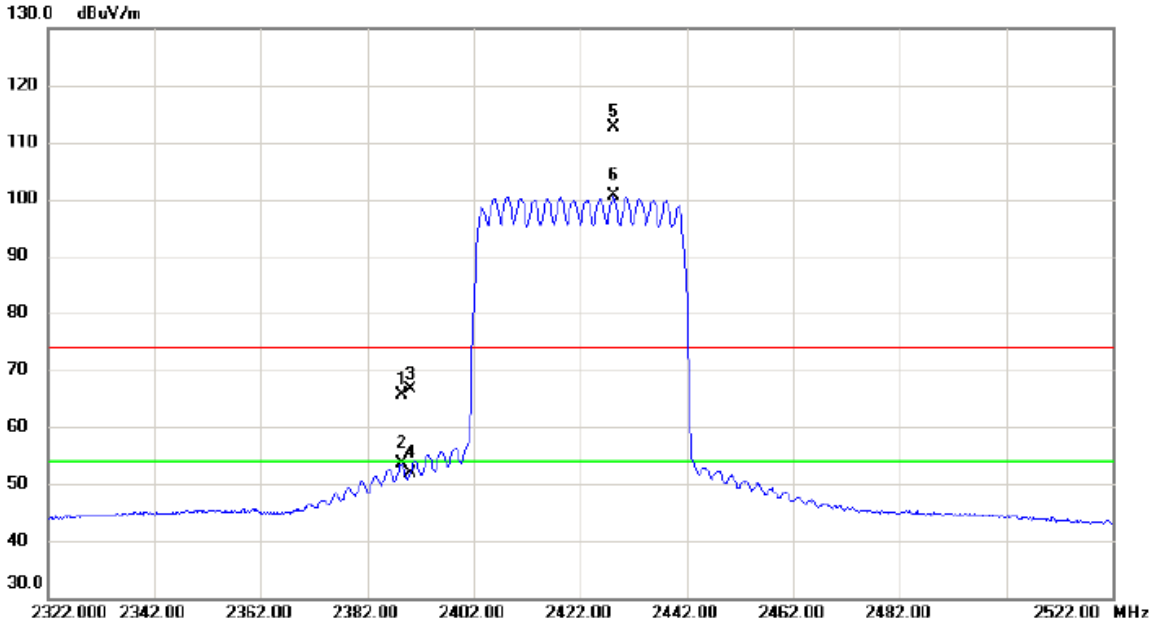


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3282.680	39.12	3.21	42.33	54.00	-11.67	AVG	
2		3282.830	43.11	3.21	46.32	74.00	-27.68	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2422 MHz

Vertical

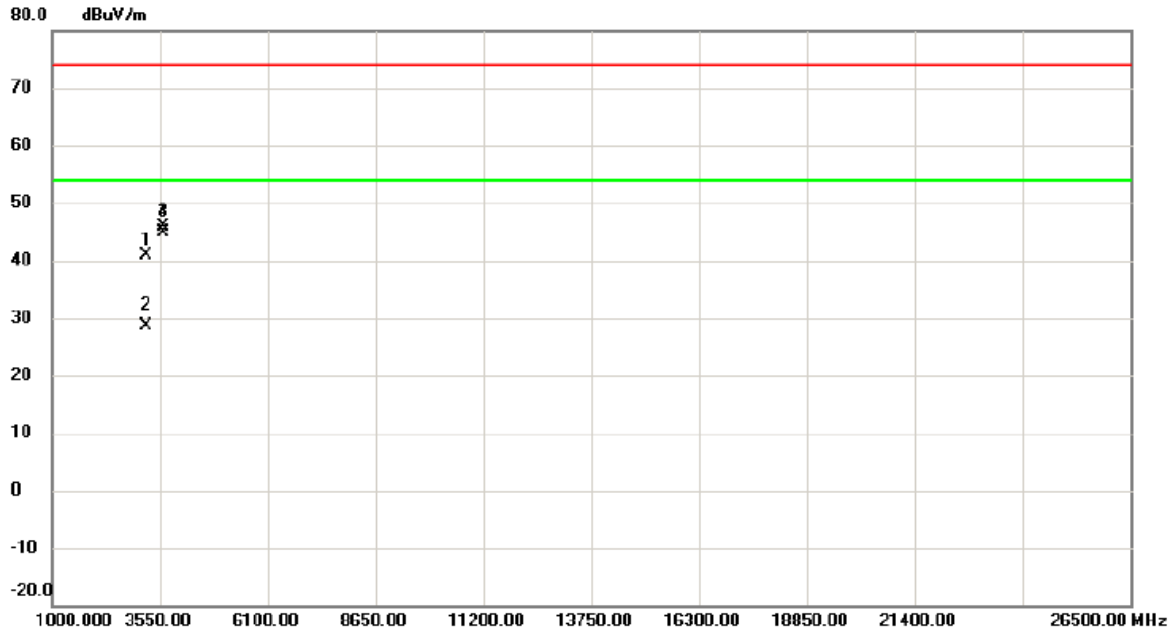


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.500	55.70	9.94	65.64	74.00	-8.36	peak	
2		2388.500	43.58	9.94	53.52	54.00	-0.48	AVG	
3		2390.000	56.78	9.95	66.73	74.00	-7.27	peak	
4		2390.000	42.01	9.95	51.96	54.00	-2.04	AVG	
5	X	2428.200	102.62	10.09	112.71	74.00	38.71	peak	No Limit
6	*	2428.200	90.46	10.09	100.55	54.00	46.55	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2422 MHz

Vertical

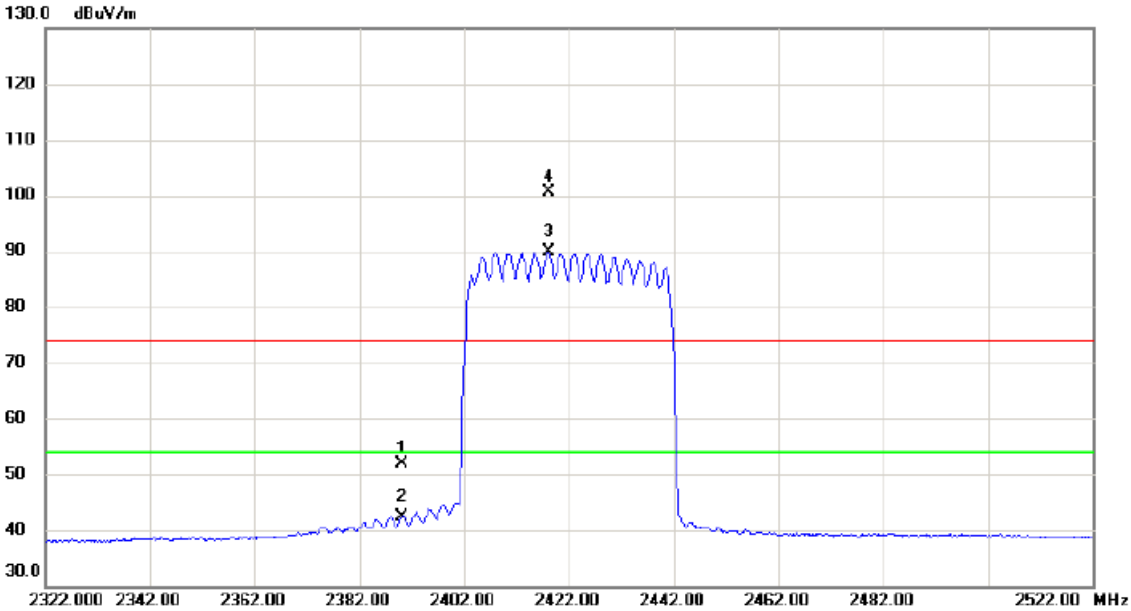


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3229.170	37.88	3.11	40.99	74.00	-33.01	peak	
2		3229.630	25.43	3.11	28.54	54.00	-25.46	AVG	
3	*	3633.000	41.10	3.76	44.86	54.00	-9.14	AVG	
4		3633.500	42.18	3.76	45.94	74.00	-28.06	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2422 MHz

Horizontal

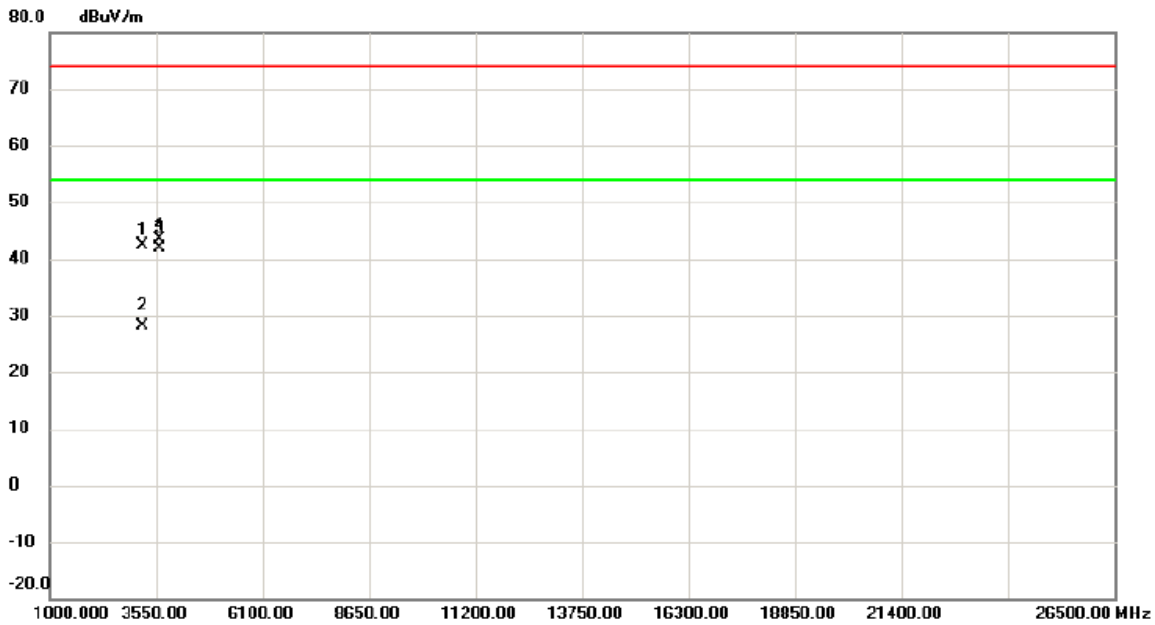


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	41.97	9.95	51.92	74.00	-22.08	peak	
2		2390.000	32.38	9.95	42.33	54.00	-11.67	AVG	
3	*	2418.000	79.89	10.05	89.94	54.00	35.94	AVG	No Limit
4	X	2418.200	90.49	10.06	100.55	74.00	26.55	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2422 MHz

Horizontal

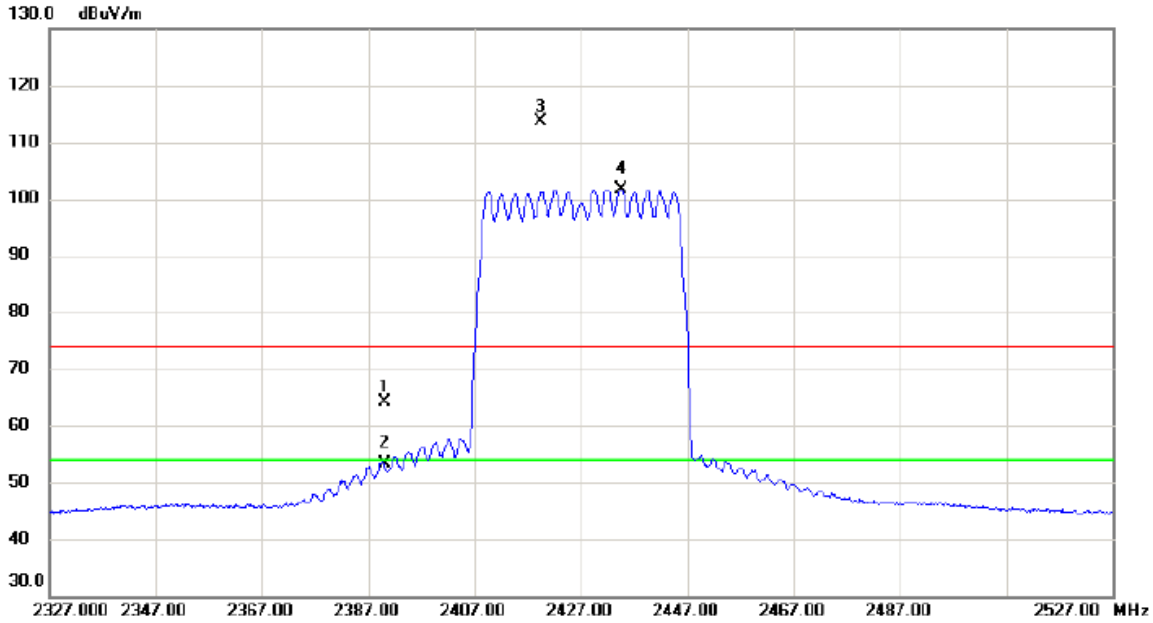


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3228.037	39.34	3.11	42.45	74.00	-31.55	peak	
2		3228.485	25.01	3.11	28.12	54.00	-25.88	AVG	
3	*	3632.830	38.07	3.76	41.83	54.00	-12.17	AVG	
4		3633.330	39.62	3.76	43.38	74.00	-30.62	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2427 MHz

Vertical

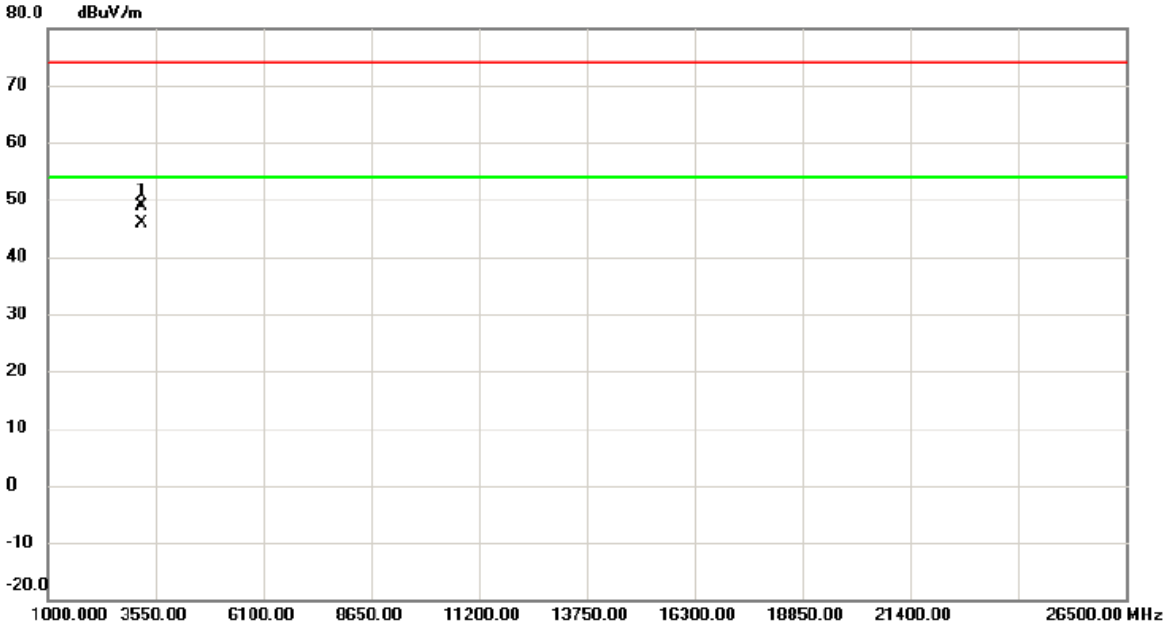


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	54.27	9.95	64.22	74.00	-9.78	peak	
2		2390.000	43.50	9.95	53.45	54.00	-0.55	AVG	
3	X	2419.400	103.68	10.06	113.74	74.00	39.74	peak	No Limit
4	*	2434.500	91.47	10.11	101.58	54.00	47.58	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2427 MHz

Vertical

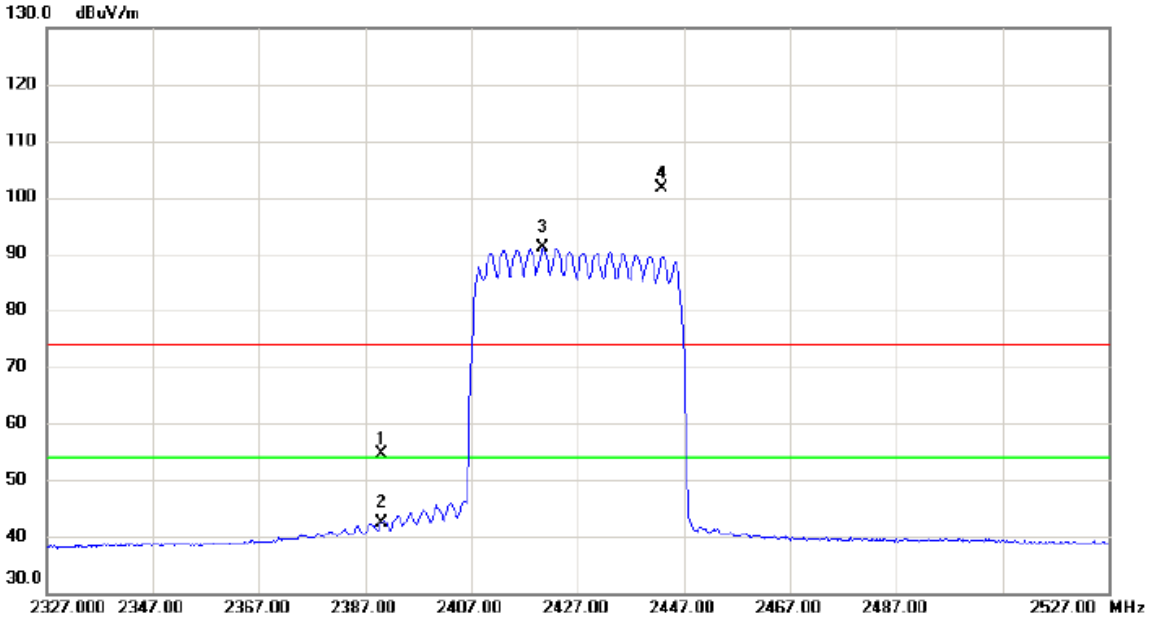


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3236.010	45.67	3.12	48.79	74.00	-25.21	peak	
2	*	3236.090	42.76	3.12	45.88	54.00	-8.12	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2427 MHz

Horizontal

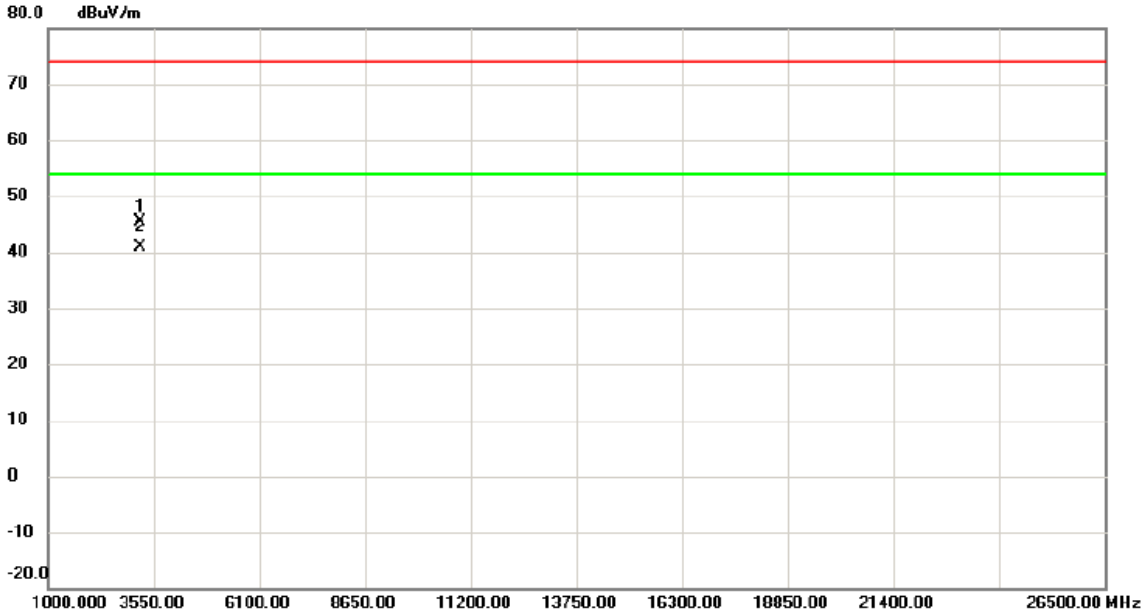


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	44.66	9.95	54.61	74.00	-19.39	peak	
2		2390.000	32.38	9.95	42.33	54.00	-11.67	AVG	
3	*	2420.600	80.96	10.07	91.03	54.00	37.03	AVG	No Limit
4	X	2442.900	91.42	10.14	101.56	74.00	27.56	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2427 MHz

Horizontal

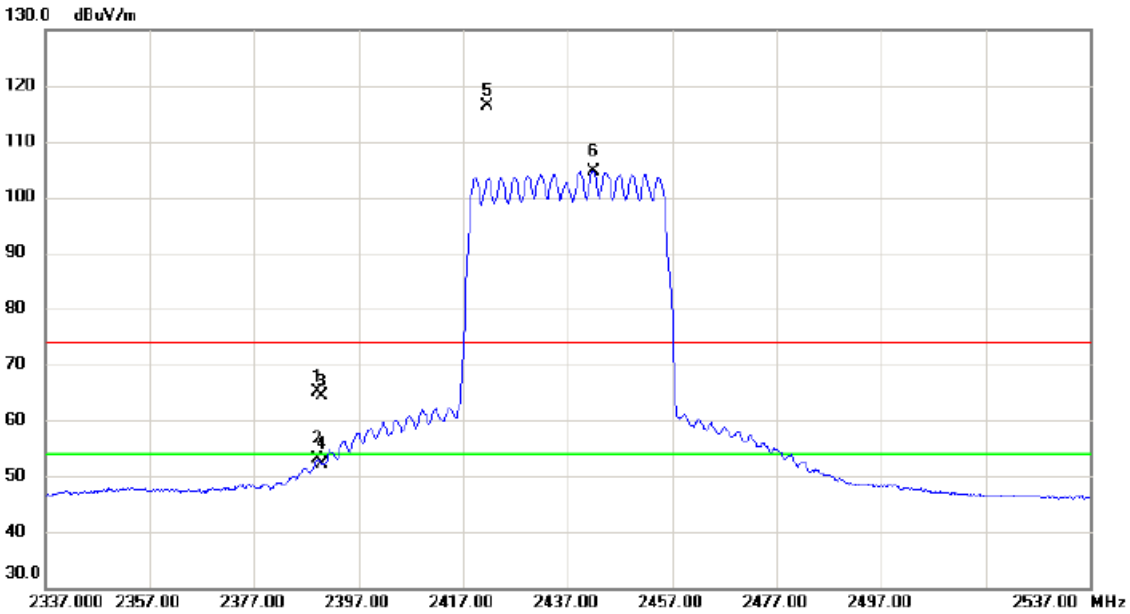


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3235.905	42.30	3.12	45.42	74.00	-28.58	peak	
2	*	3236.005	37.71	3.12	40.83	54.00	-13.17	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2437 MHz

Vertical

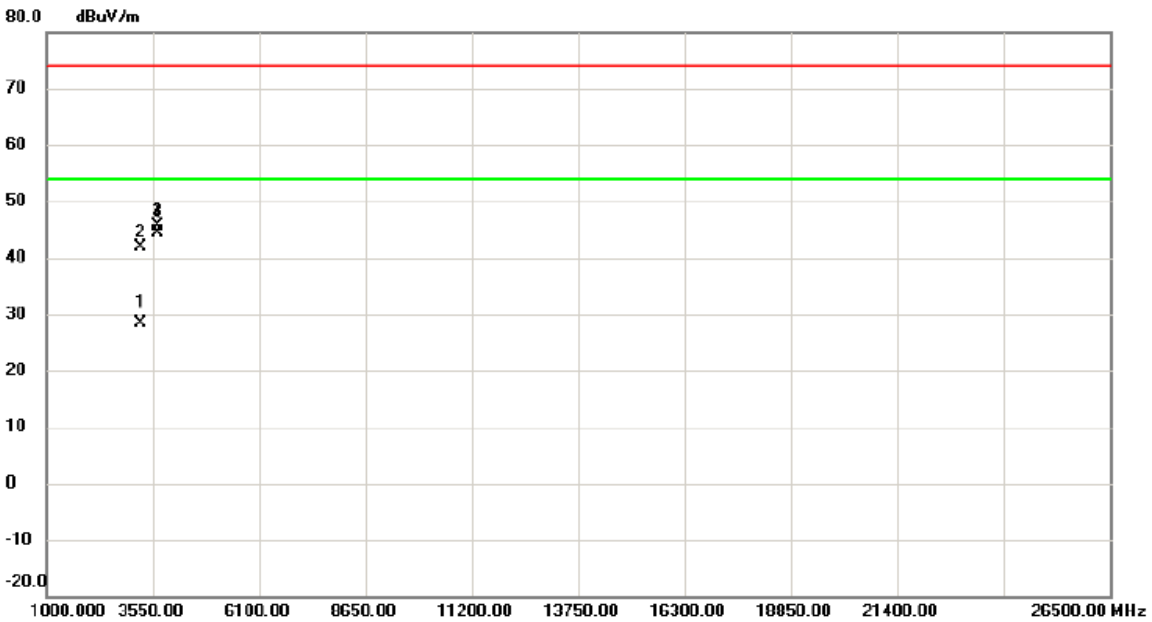


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.100	55.25	9.95	65.20	74.00	-8.80	peak	
2		2389.100	43.15	9.95	53.10	54.00	-0.90	AVG	
3		2390.000	54.41	9.95	64.36	74.00	-9.64	peak	
4		2390.000	42.25	9.95	52.20	54.00	-1.80	AVG	
5	X	2421.700	106.35	10.07	116.42	74.00	42.42	peak	No Limit
6	*	2441.800	94.55	10.14	104.69	54.00	50.69	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2437 MHz

Vertical

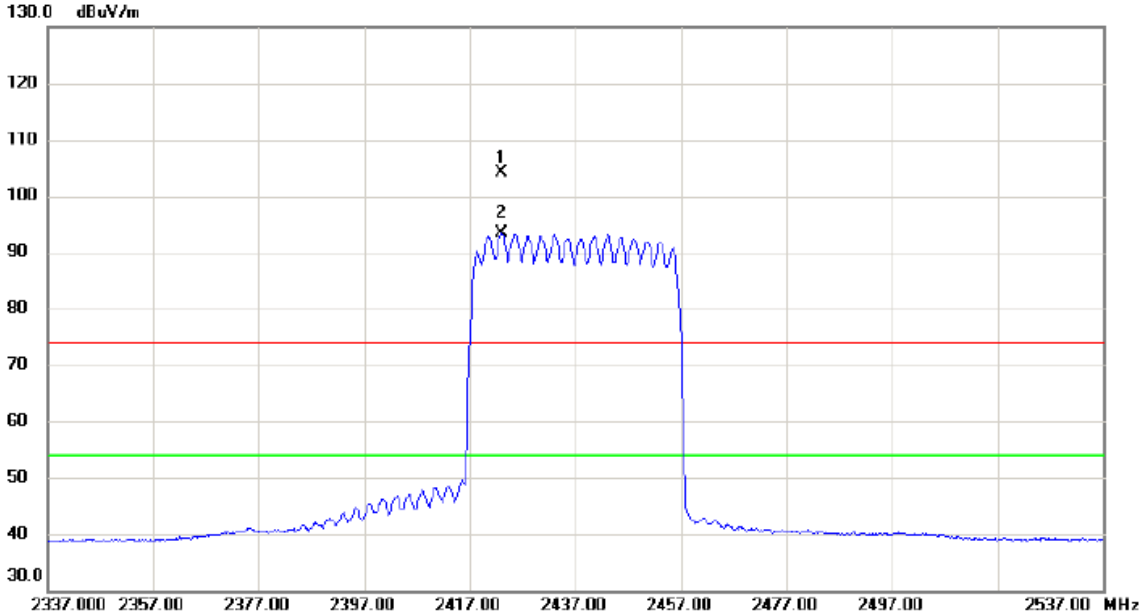


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3249.222	25.25	3.15	28.40	54.00	-25.60	AVG	
2		3250.580	38.65	3.15	41.80	74.00	-32.20	peak	
3		3655.330	41.78	3.80	45.58	74.00	-28.42	peak	
4	*	3655.830	40.56	3.80	44.36	54.00	-9.64	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2437 MHz

Horizontal

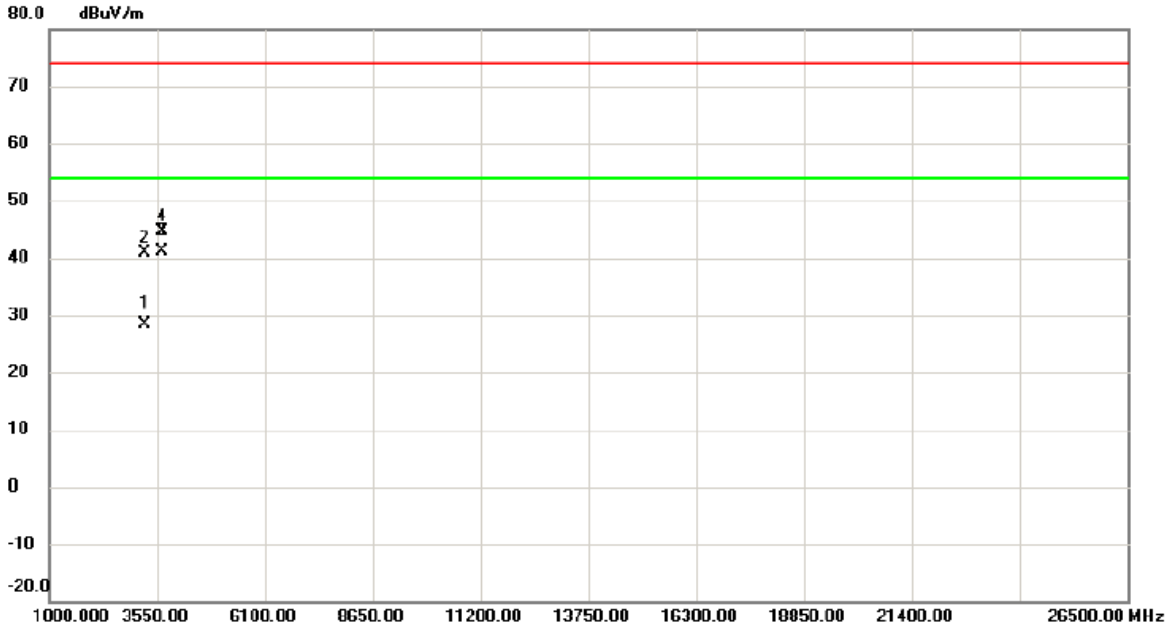


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2422.900	94.09	10.07	104.16	74.00	30.16	peak	No Limit
2	*	2423.000	83.29	10.07	93.36	54.00	39.36	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2437 MHz

Horizontal

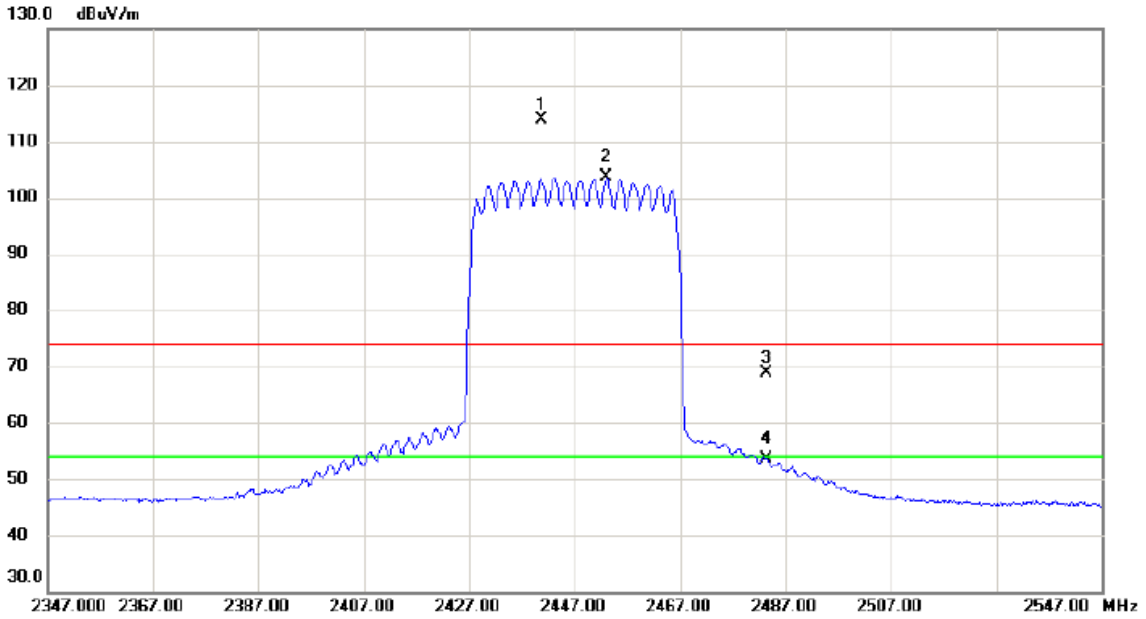


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3246.932	25.18	3.15	28.33	54.00	-25.67	AVG	
2		3250.285	37.80	3.15	40.95	74.00	-33.05	peak	
3	*	3655.330	37.38	3.80	41.18	54.00	-12.82	AVG	
4		3655.830	40.90	3.80	44.70	74.00	-29.30	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2447 MHz

Vertical

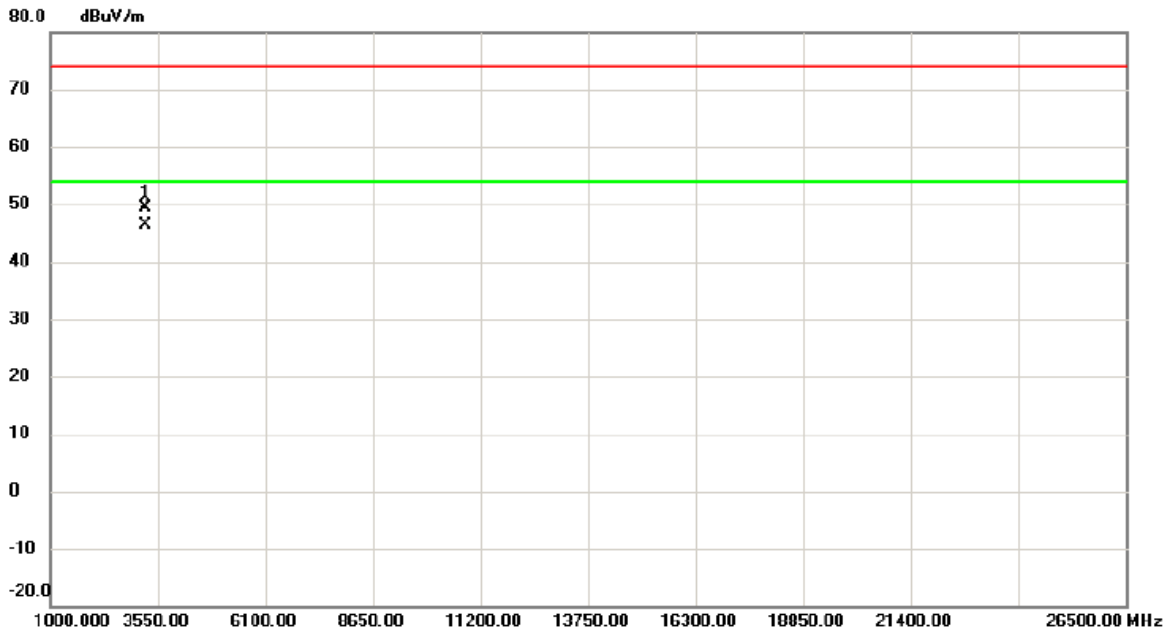


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2440.700	103.68	10.14	113.82	74.00	39.82	peak	No Limit
2	*	2453.100	93.34	10.19	103.53	54.00	49.53	AVG	No Limit
3		2483.500	58.53	10.29	68.82	74.00	-5.18	peak	
4		2483.500	43.23	10.29	53.52	54.00	-0.48	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2447 MHz

Vertical

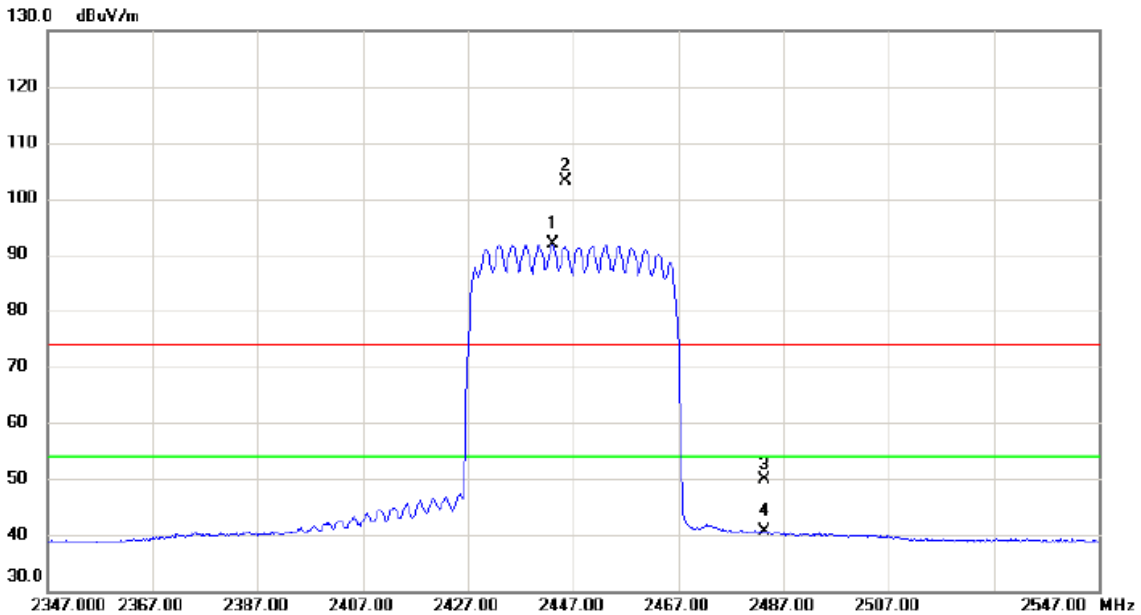


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3262.593	46.13	3.18	49.31	74.00	-24.69	peak	
2	*	3262.698	43.16	3.18	46.34	54.00	-7.66	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2447 MHz

Horizontal

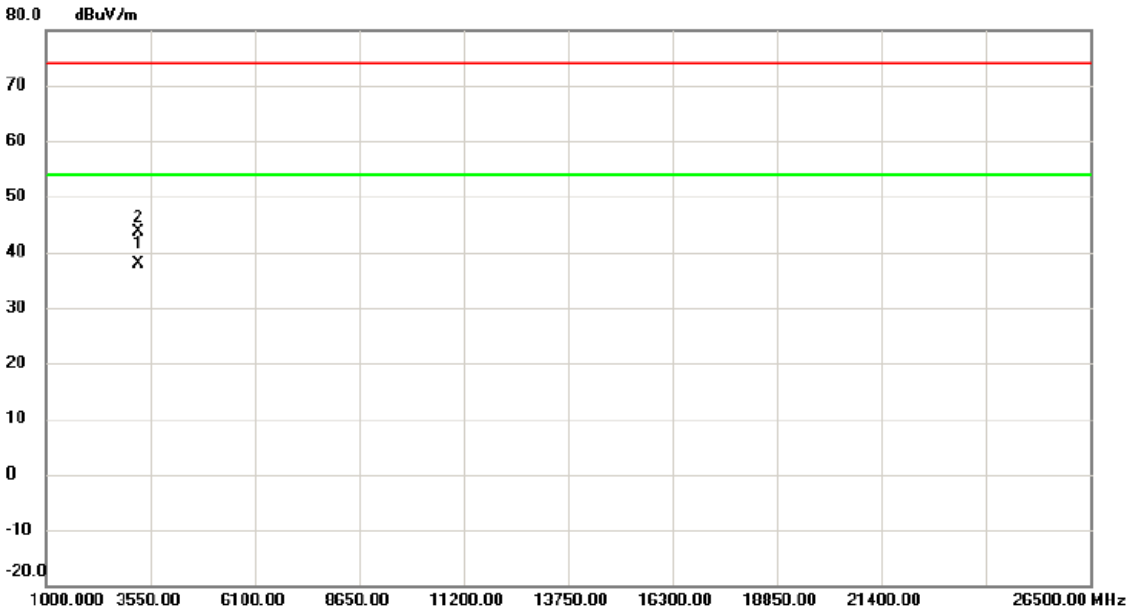


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2443.000	81.64	10.14	91.78	54.00	37.78	AVG	No Limit
2	X	2445.500	92.98	10.16	103.14	74.00	29.14	peak	No Limit
3		2483.500	39.63	10.29	49.92	74.00	-24.08	peak	
4		2483.500	30.30	10.29	40.59	54.00	-13.41	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2447 MHz

Horizontal

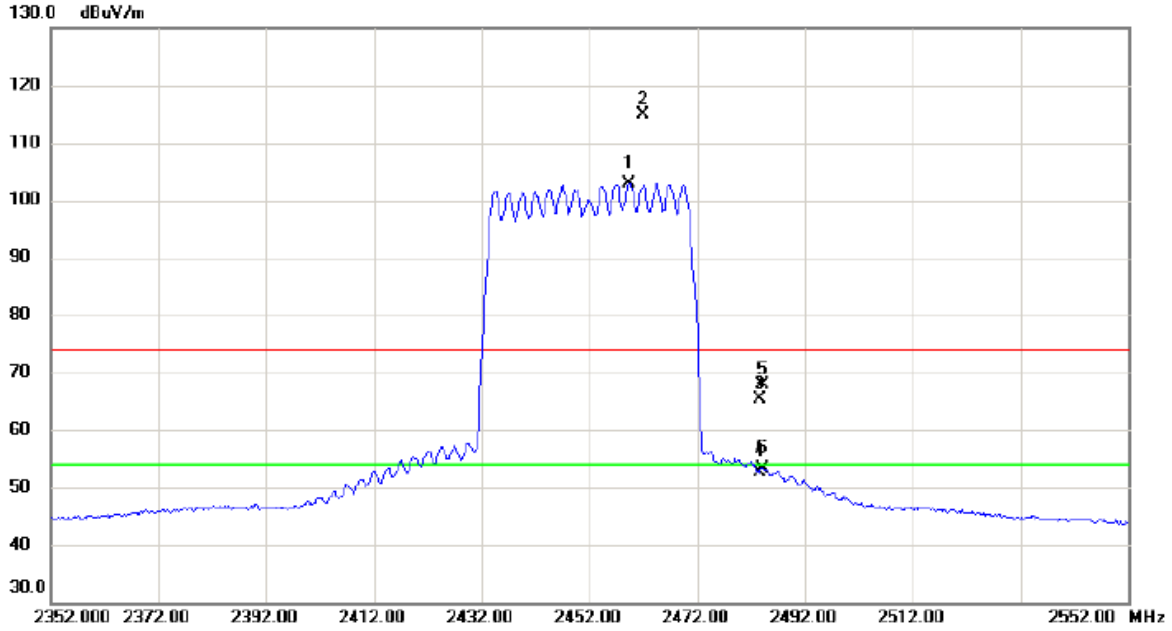


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3262.605	34.77	3.18	37.95	54.00	-16.05	AVG	
2		3263.105	40.51	3.18	43.69	74.00	-30.31	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2452 MHz

Vertical

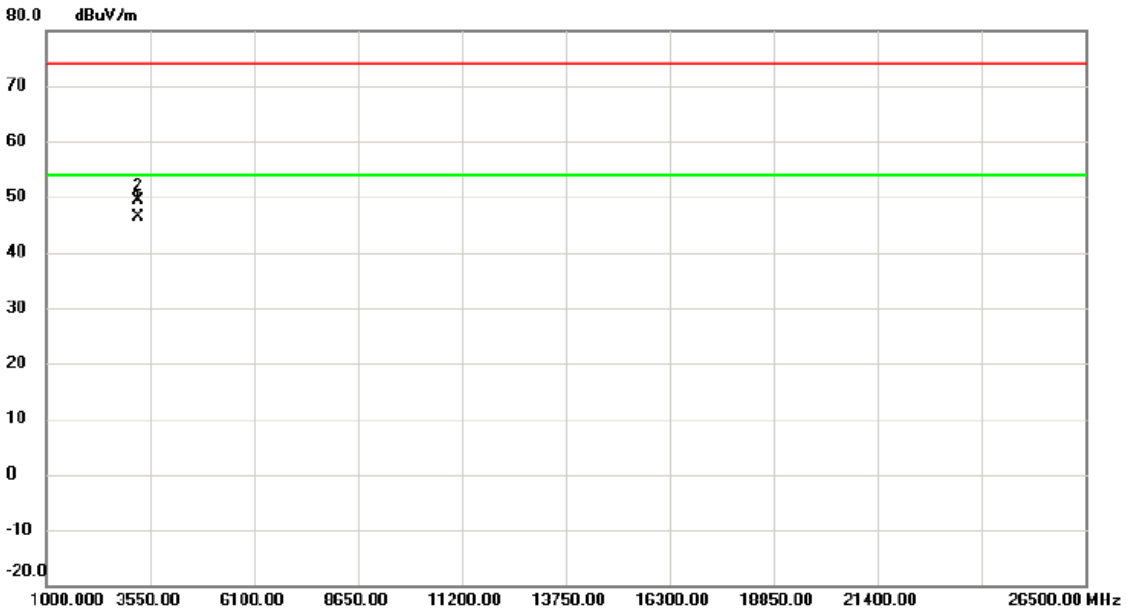


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2459.300	92.68	10.20	102.88	54.00	48.88	AVG	No Limit
2	X	2461.900	104.59	10.22	114.81	74.00	40.81	peak	No Limit
3		2483.500	55.09	10.29	65.38	74.00	-8.62	peak	
4		2483.500	42.41	10.29	52.70	54.00	-1.30	AVG	
5		2484.200	57.54	10.30	67.84	74.00	-6.16	peak	
6		2484.200	43.20	10.30	53.50	54.00	-0.50	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2452 MHz

Vertical

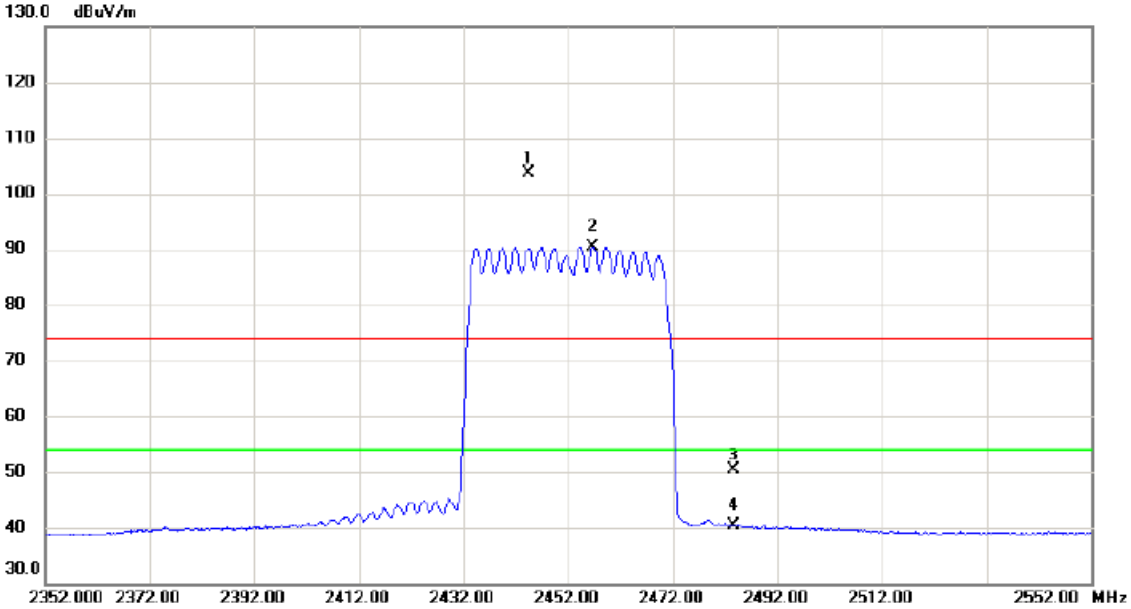


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3269.395	43.12	3.19	46.31	54.00	-7.69	AVG	
2		3269.452	46.14	3.19	49.33	74.00	-24.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2452 MHz

Horizontal

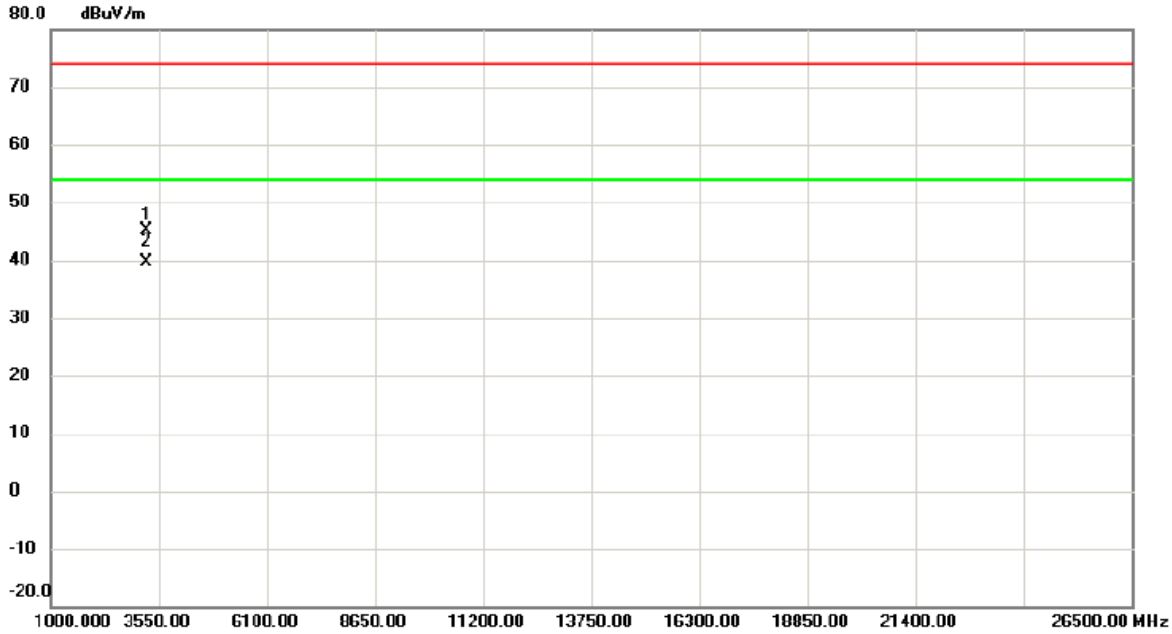


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2444.400	93.48	10.16	103.64	74.00	29.64	peak	No Limit
2	*	2456.700	80.30	10.19	90.49	54.00	36.49	AVG	No Limit
3		2483.500	39.97	10.29	50.26	74.00	-23.74	peak	
4		2483.500	30.16	10.29	40.45	54.00	-13.55	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX AX-40M Mode 2452 MHz

Horizontal



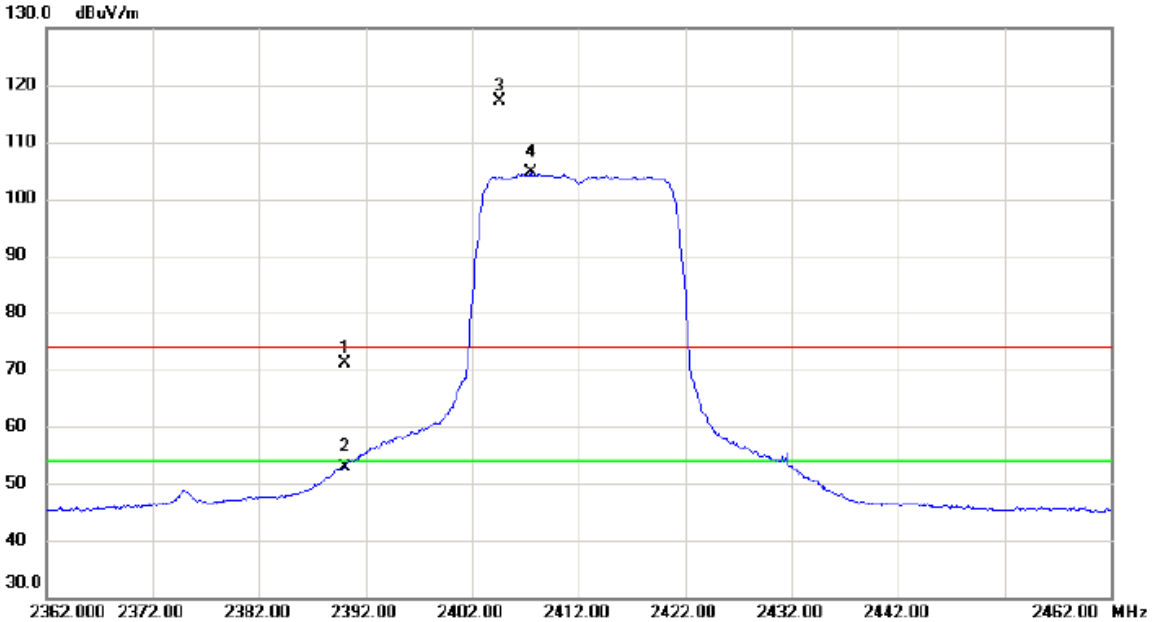
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3269.280	41.86	3.19	45.05	74.00	-28.95	peak	
2	*	3269.330	36.50	3.19	39.69	54.00	-14.31	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Beamforming

Test Mode:	TX N-20M Mode 2412 MHz

Vertical

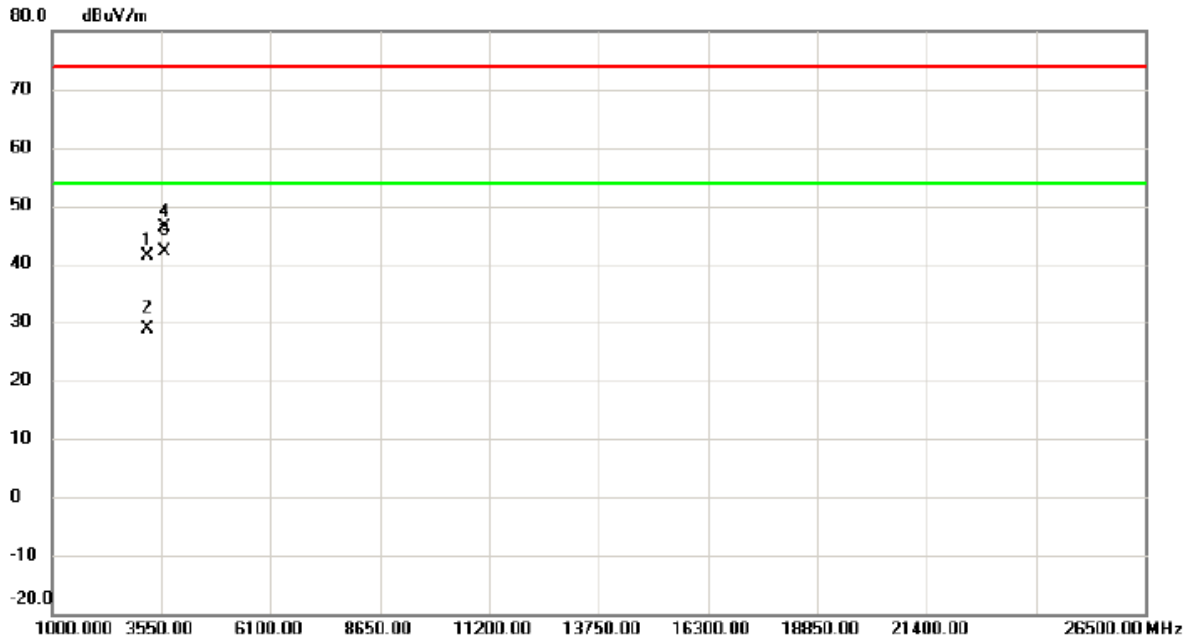


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	61.07	9.95	71.02	74.00	-2.98	peak	
2		2390.000	43.04	9.95	52.99	54.00	-1.01	AVG	
3	X	2404.550	107.02	10.00	117.02	74.00	43.02	peak	No Limit
4	*	2407.550	94.52	10.01	104.53	54.00	50.53	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

Vertical

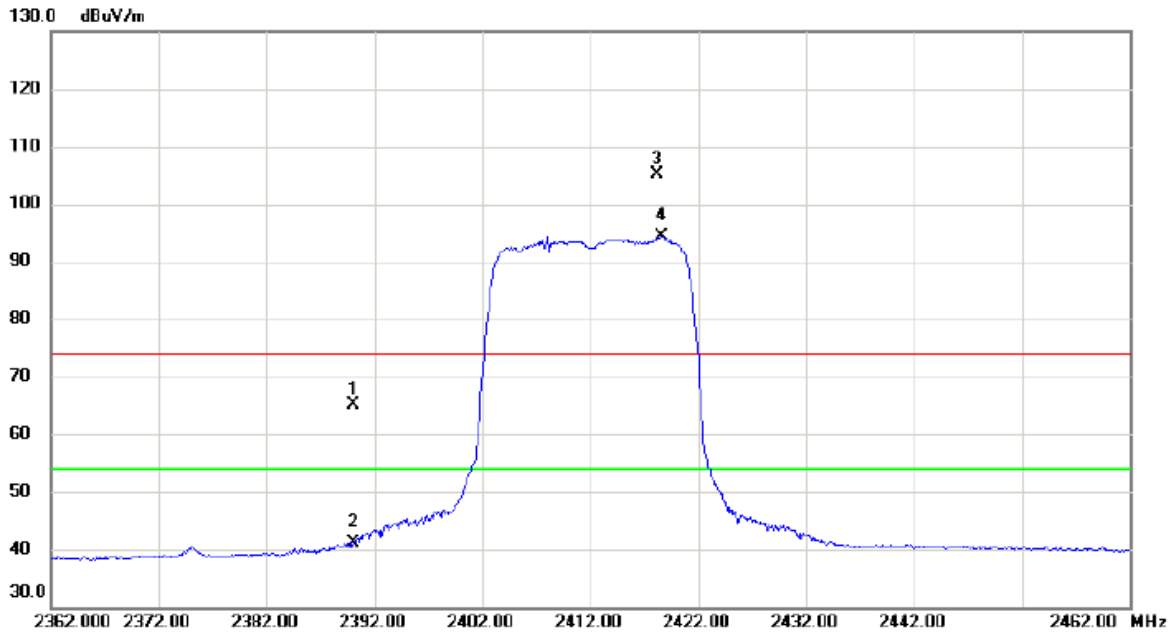


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3216.960	38.32	3.09	41.41	74.00	-32.59	peak	
2		3216.983	25.80	3.09	28.89	54.00	-25.11	AVG	
3	*	3618.000	38.43	3.75	42.18	54.00	-11.82	AVG	
4		3618.500	42.58	3.75	46.33	74.00	-27.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

Horizontal

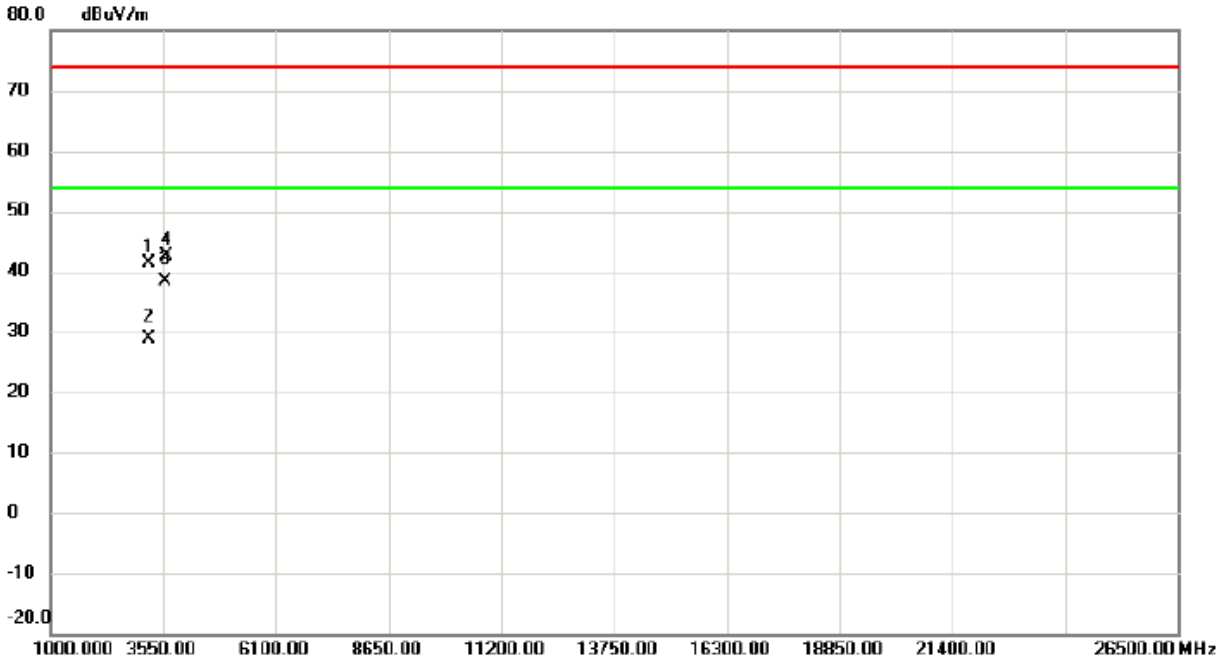


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	55.29	9.95	65.24	74.00	-8.76	peak	
2		2390.000	31.18	9.95	41.13	54.00	-12.87	AVG	
3	X	2418.150	95.14	10.06	105.20	74.00	31.20	peak	No Limit
4	*	2418.650	84.30	10.06	94.36	54.00	40.36	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2412 MHz

Horizontal

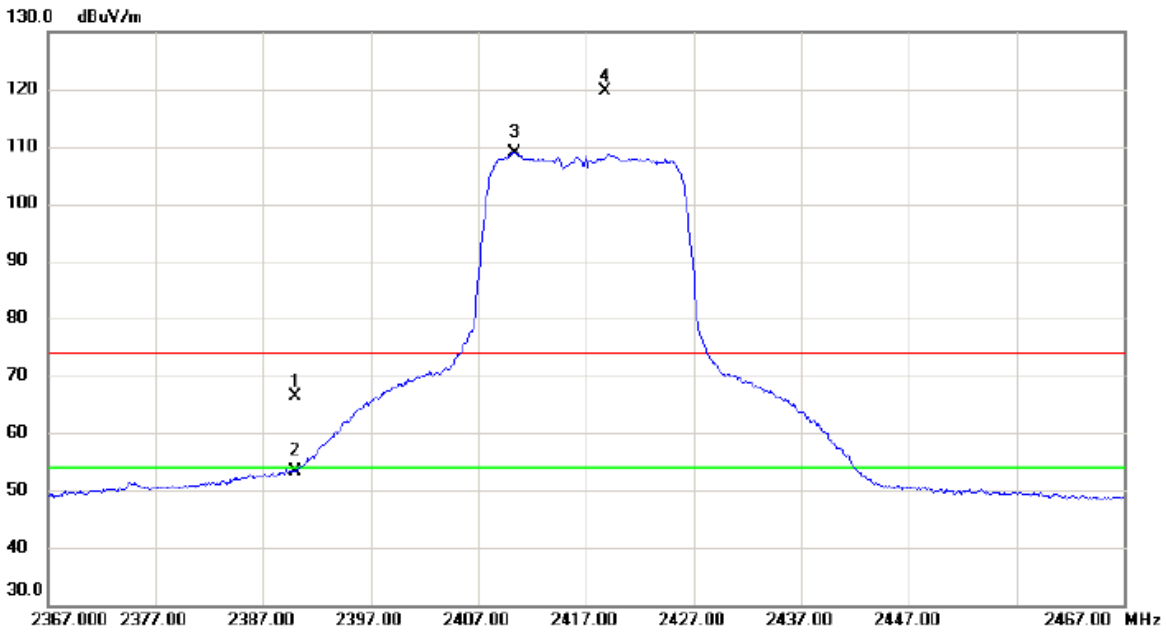


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3215.957	38.21	3.09	41.30	74.00	-32.70	peak	
2		3217.175	25.70	3.09	28.79	54.00	-25.21	AVG	
3	*	3617.950	34.60	3.75	38.35	54.00	-15.65	AVG	
4		3618.100	38.78	3.75	42.53	74.00	-31.47	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Vertical

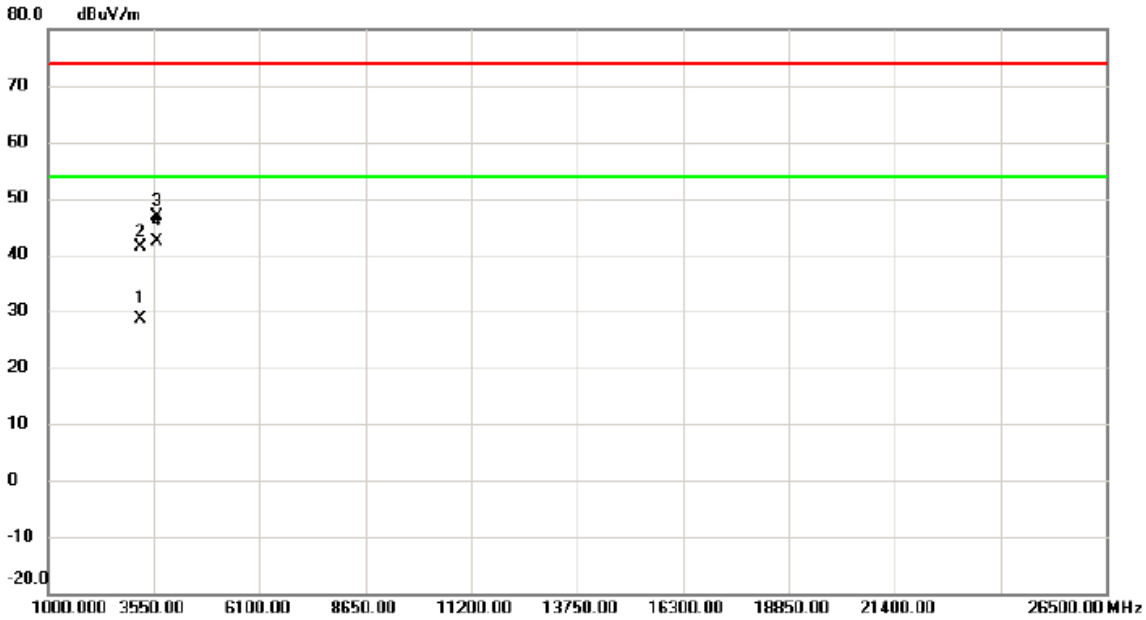


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.37	9.95	66.32	74.00	-7.68	peak	
2		2390.000	43.53	9.95	53.48	54.00	-0.52	AVG	
3	*	2410.450	98.85	10.02	108.87	54.00	54.87	AVG	No Limit
4	X	2418.800	109.52	10.06	119.58	74.00	45.58	peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Vertical

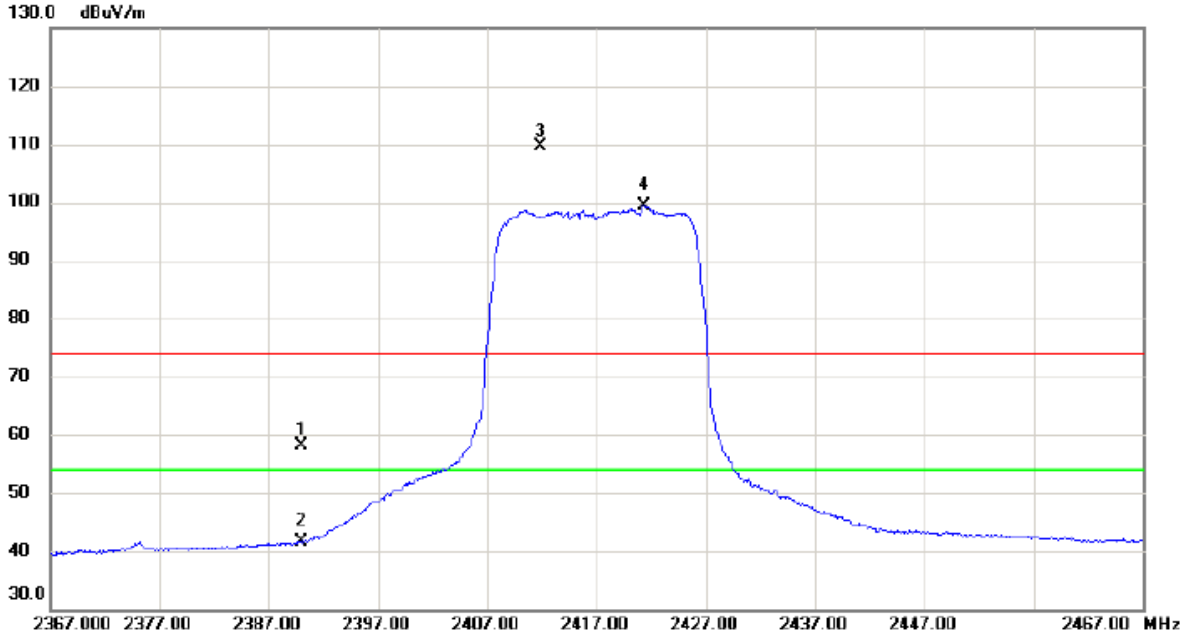


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3220.580	25.54	3.10	28.64	54.00	-25.36	AVG	
2		3221.190	38.34	3.10	41.44	74.00	-32.56	peak	
3		3625.330	43.06	3.76	46.82	74.00	-27.18	peak	
4	*	3625.330	38.73	3.76	42.49	54.00	-11.51	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal

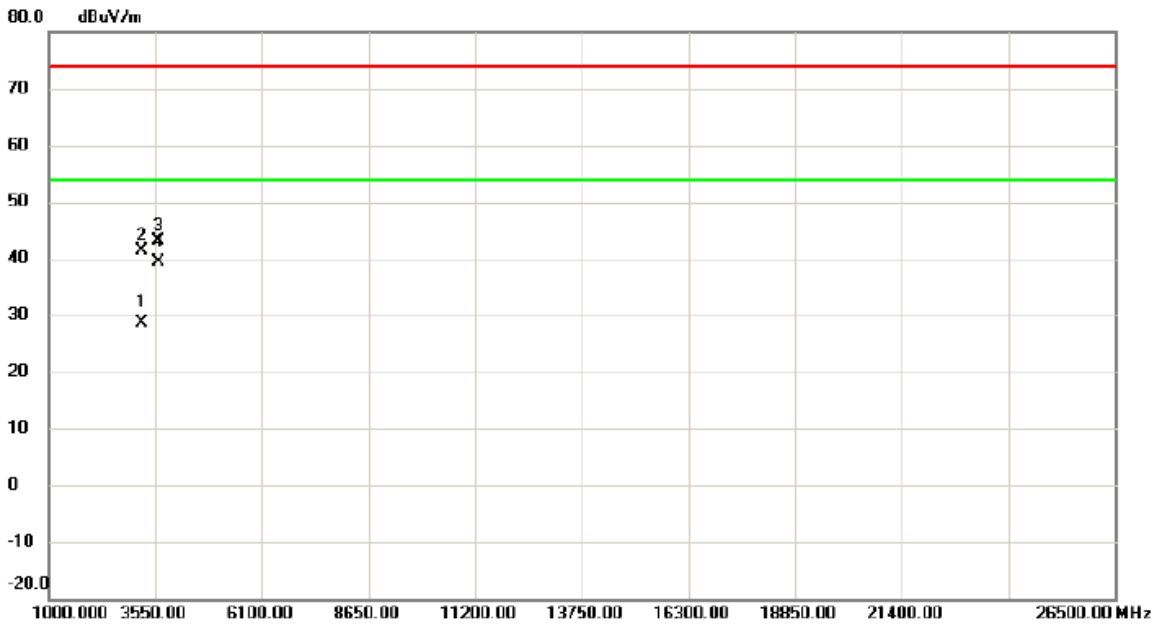


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	48.21	9.95	58.16	74.00	-15.84	peak	
2		2390.000	31.77	9.95	41.72	54.00	-12.28	AVG	
3	X	2411.850	99.66	10.03	109.69	74.00	35.69	peak	No Limit
4	*	2421.300	89.36	10.07	99.43	54.00	45.43	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3221.122	25.59	3.10	28.69	54.00	-25.31	AVG	
2		3221.318	38.30	3.10	41.40	74.00	-32.60	peak	
3		3625.830	39.32	3.76	43.08	74.00	-30.92	peak	
4	*	3625.830	35.53	3.76	39.29	54.00	-14.71	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.